

DATA CALL 1: GENERAL INSTALLATION FORMATION

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	<u>Naval Air Station, Key West, FL</u>
Acronym(s) used in correspondence	<u>NAS Key West, FL</u>
Commonly accepted short title(s)	<u>Boca Chica</u>

- Complete Mailing Address

Commanding Officer
 Naval Air Station (Code 10)
 Key West, Fl 33040-9022

- PLAD

NAS Key West FL

- PRIMARY UIC: N00213 (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):	47212	PURPOSE:SECURITY
	44320	AIMD
	35673	OP DET
	48671	FAMILY SERVICE CENTER
	68120	CAAC
	33223	BCT

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.

See Table 2a.

Table 2a.

Name	Location	UIC
TRUMBO POINT ANNEX	KEY WEST	00213
POINCIANA PLAZA	KEY WEST	00213
MAINE MEMORIAL PLOT	KEY WEST	00213
DREDGERS KEY-SIGSBEE	DREDGERS KEY	00213
WHITE ST. TRAILER PARK	KEY WEST	00213
HAWK MISSILE SITE 10	BOCA CHICA KEY	00213
HAWK MISSILE SITE 65	KEY WEST	00213
HAWK MISSILE SITE 24	GEIGER KEY	00213
FLEMING KEY MAGAZINE	FLEMING KEY	00213
COMMISSARY STORE	KEY WEST	00213
PEARY COURT	KEY WEST	00213
TRUMAN ANNEX	KEY WEST	00213
DEMOLITION KEY	DEMOLITION KEY	00213
The following local DoD commands control their own class 1 and class 2 assets:		
	KEY WEST	00267
	SADDLEBUNCH KEY	63425
NAVY MEDICAL CLINIC		
NAVY COMPUTER & TELECOMMUNICATION AREA MASTER STATION	CUDJOE KEY	B4865
CUDJOE KEY AIR FORCE STATION		

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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
NONE				

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.

No impact.

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

- a. Controls 165,000 square miles of unencumbered air space.
- b. Port Operations - maintains 8500 LF of unobstructed pier space, while providing support to the U.S. Coast Guard..
- c. Tactical Aircrew Combat Training Systems (TACTS) with 165,000 square miles of Operating Area and TACTS Range of 2,400 square miles.
- d. Air Operations - Hosted 135 squadrons/units with 667 aircraft supported in FY93.
- e. Provides aircraft intermediate maintenance support to VF-45 (A-4, F-16, F-5) aircraft, VF101 Det Key West (F-14), and station SH3H helicopters. Provides ground support equipment to Navy, Marine, Air Force and Air National Guard aviation detachments. Precision measuring equipment (PME) calibration laboratory services (Type IV) to all aviation activities and tenant activities.

- f. The Station Air Traffic Control facility provides Approach Control services from the surface to 16,000 feet for both NAS Key West and Key West International Airport. The Military Radar Unit (Tarpon Control) schedules the OPAREAS and provides Ground Controlled Intercept services for over 7,000 intercepts per year for aircraft using the warning areas.
- g. Provide fuel support to all air and sea units operating/visiting Key West (foreign and domestic ships and aircraft).
- h. Provide messing and berthing facilities for permanent parties and transient personnel.
- i. Provide contracting services for Naval Air Station departments, 34 tenant command codes, and transient units.

Projected Missions for FY 2001

No new missions.

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

- a. Controls 165,000 square of unencumbered air space in Warning Areas W-465 A, B, and W-174 A, B, C from the surface to Flight Level 700 for use by military aircraft and ships for training. These training areas are only 3 minutes flying time north of the Air Station and supersonic airspeed is authorized in all warning areas. Currently, W-174D and W465C, which lie below 2400N latitude within the Cuban ADIZ, are not used. It is expected that those areas will be utilized again when relations with Cuba are normalized.
- b. Predominant weather conditions at NAS Key West is Visual Meteorological Condition (VMC) 92% of the year. Particularly in the winter months (NOV-APR), weather has a significantly positive effect on completion of required sorties. For this reason, combined with the availability of airspace and surge capacity at NAS Key West, the East Coast F-14 FRS (VF-101) has made a permanent detachment at NAS Key West one of their highest priorities. The mean air and surface temperatures at NAS Key West are 78 and 79 degrees Fahrenheit, respectively. At most other U.S. Air Stations, the lower air and water temperatures in the winter months require dry suit usage, increasing pilot fatigue and reducing safety margins in routine training flights and survival times in the case of overwater ejections.

c. Navy, Marine, Air Force and Air National Guard Detachments utilizing the Tactical Aircrew Combat Training System (TACTS) range situated in the northeast sectors of W-174 are afforded the most valuable Air Combat Maneuvering (ACM) training available. The TACTS debriefing site in VF-45 spaces provides real time feedback and precise reconstruction of dynamic air-to-air engagements to participating pilots, exponentially increasing their combat effectiveness. NASKW currently supports detachments using the range with over 5,200 sorties per year.

d. Only authorized Explosive Loading Pier within 200 miles.

e. Only approved small arms firing range within 100 miles; also supports all hand gun qualification training for all local military units and many southern Florida armed civilian forces: Weapon Department Armed Watchstanders, NAS Security Forces, NAS Auxiliary Security Forces, U. S. Coast Guard, Key West Police Department, Monroe County Sheriffs, Florida Marine Patrol, U. S. Customs, and Key West Rod and Gun Club.

f. The water south of Key West is the only approved underwater explosive site on the East Coast.

g. Capable of simultaneously hosting 12 Aviation Detachments, consisting of 80 personnel and 10 tactical aircraft each. In FY93, 135 units and 667 aircraft were hosted and fully supported.

h. Commander Joint Task Force Four (CJTF-4) conducts operations to detect and monitor aircraft/surface vessels suspected of smuggling illegal drugs into the U.S.

i. Caribbean Regional Operations Command (CARIBROC) is USCINCLANT's agent for command and control in the Caribbean, providing navigation and advisory support to aircraft conducting reconnaissance missions. Supports CJTF-4's counternarcotics efforts in the region via radar detection and monitoring of suspect air traffic.

j. Department of Agriculture Animal Import Center quarantines import animals and birds, and conducts tests to ascertain freedom of imported animals from exotic diseases.

k. John F. Kennedy Special Warfare Center and School (Army) trains special operations personnel in Basic Combat Diving, Dive Medicine, Combat Supervising and Waterborned Infiltration. All DoD and other government agencies send personnel to these courses.

Fleming Key Military Construction Army (MCA) Project for \$11.8 million new facility will be completed June 1994. The facility will provide expanded hyperbaric recompression capability, an upgraded (from diesel to nuclear) submarine escape trunk trainer, and expanded compressor capability. The parachute/equipment drying tower will enhance the ability to support expanded air operations.

Hyperbaric Recompression Chamber provides 24-hour support to all military dive operations in the area, and emergency care/treatment for civilian dive casualties in the Lower Keys.

l. Naval Security Group Activity (NSGA) - NSGA Key West is the host command which provides support to the 23rd Intelligence Squadron. The tri-service mission responsibility is to provide communication support to U.S. Forces. This entails the use of secure communications and airborne relay to augment existing surface communications.

m. Foreign Broadcast Information Service (FBIS) - FBIS is a communications intelligence station that monitors communications from Cuba. The full extent of their mission is highly classified.

n. Navy Oceanography Command Detachment (NOCD) - NOCD provides meteorological and oceanographic support to all military activities within its South Florida area of responsibility. NOCD also provides hurricane preparedness training and disseminates tropical storm warnings and forecasts information to local commands.

o. Navy Research Laboratory (NRL) - NRL studies the effects of the marine environment on metallic and non-metallic materials utilized on Navy ships, aircraft and submarines. NRL also provides the Navy with failure analysis and troubleshooting of existing material problems as well as research on new materials for ships and aircraft of the 21st century.

p. Naval Air Warfare Command (NAWC) - NAWC manages the only underwater demolition test station in the world.

q. Staging and processing area for a mass migration of Cuban assylum seekers.

r. Human Resource Office Jacksonville/Key West Satellite (HRO) Provide civilian personnel administration and wage and classification services for 540 appropriated fund and tenant civilian employees and EEO services to 225 Non-appropriated employees.

Projected Unique Missions for FY 2001

Shallow water anti-submarine warfare (ASW) training: The waters off of Key West offer excellent promise for future shallow water ASW training.

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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	
CINCLANTFLT (N44) COMNAVSHORLANT	N00060 68981	CFB/N4421A1 2-14-94
• Funding Source	UIC	
SAME CINCLANTFLT COMNAVAIRLANT (AVIATION SUPPORT)	N00060 57012	CFB/N4421A1 2-14-94

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>41</u>	<u>610</u>	<u>448</u>
• Tenants (total)	<u>222</u>	<u>1363</u>	<u>169</u>

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian(Appropriated)
• Reporting Command	<u>43</u>	<u>612</u>	<u>455</u>
• Tenants (total)	<u>217</u>	<u>1200</u>	<u>206</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 Capt J. M. Munninghoff	(305)293-2107	(305)293-2230	(305)296-0367
• Duty Officer	(305)293-2268	(305)293-2230	[N/A]
• P. D. Armstrong Lead Management Analyst	(305)293-2505	(305)293-2867	(305)745-3347

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Joseph J. Travis (305)293-2636 (305)293-2867 (305)296-6192
Resource Management Director

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.)

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Tenants residing on main complex (shore commands)

TENANT	UIC	OFFICER	ENLISTED	CIVILIAN
NAVY MEDICAL CLINIC	00267	21	68	37
NAVAL DENTAL CLINIC	41792	3	9	0
PERSONNEL SUPPORT ACTIVITY	43337	1	19	7
RESIDENT OFFICER IN CHARGE OF CONSTRUCTION	44222	5	2	7
DEFENSE PRINTING & REPRO GRAPHICS FACILITY	48927	0	0	1
HUMAN RESOURCE OFFICE JACKSONVILLE/KEY WEST SATELLITE	49941	0	0	8
NAVAL INVESTIGATIVE SERVICE	63051	0	0	2
NAVY CAMPUS EDUCATION OFFICE	63325	0	0	2
KEY WEST TACTS	64267	0	0	2
NAVCOMPUTER & TELECOM- MUNICATIONS	63425	0	0	8
CARIBBEAN REGIONAL OPS CEN	64134	9	92	0
NAVAL OCEANOGRAPHIC CMD DET	65773	1	10	2
FEDERAL AVIATION ADMIN	6942F4	0	0	13
DEFENSE INVESTIGATIVE SERVICE	D41MI	0	0	1

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
VF-45	09711	38	44	0
VF-101 DETACHMENT	47788	1	16	0
FLORIDA AIR NATIONAL GUARD	FB6091	4	41	0
KEY WEST DETACHMENT				

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• 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
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USCGC THETIS (270')	11510	TRUMBO PT ANX	15	75	0
	11513	TRUMBO PT ANX	15	75	0
USCGC MOHAWK (270')	13428	TRUMBO PT ANX	2	14	0
	13429	TRUMBO PT ANX	2	15	0
SES PADRE (110')	30323	TRUMBO PT ANX	0	24	0
SES SITKNAK (110')					
US COAST GUARD STA KEY WEST	36298	TRUMBO PT ANX	9	79	0
US COAST GUARD GRP KEY WEST	35497	TRUMBO PT ANX	1	1	0
NAVY LEGAL SERVICES OFFICE DET	36N32	TRUMBO PT ANX	3	28	10
JFK SPECIAL FORCES UNDERWATER OPS	41417	TRUMBO PT ANX	0	6	0
	41904		19	228	10
		TRUMAN ANNEX			
SCHOOL	41937		0	9	0
FLEET IMAGING CMD		TRUMBO PT ANX			
NAVAL SECURITY GRP ACTIVITY	47228		0	0	6
US COAST GUARD AIDS		FLEMING KEY	0	0	6
		TRUMAN ANNEX	0	5	0
TO NAVIGATION TEAM					
(ANT)	43724		0	0	8
NAVAL RESEARCH LAB		TRUMBO PT ANX			
DEFENSE REUTILI- ZATION AND	47854		53	50	32
MARKETING OFFICE	49029	TRUMAN ANNEX	0	13	24
(UIC SYB304)	60666	SIGSBEE PARK	1	0	0
NAVAL AIR WARFARE CENTER		SIGSBEE PARK	0	0	8
		TRUMAN ANNEX			
JOINT TASK FORCE- FOUR			0	0	7
DEFENSE COMMISSARY		TRUMBO PT ANX			
NAVY EXCHANGE					
FEDERAL BROADCAST INFORMATION SVC (UIC 02442500)			0	0	0
U S DEPT OF AGRI- CULTURE/ANIMAL	81GH5	SADDLEBUNCH KEY	5	100	0
IMPORT CENTER (UIC 0042F7)	X7020	TRUMAN ANNEX	8	128	3
U S INFORMATION AGENCY, RADIO MARTI (UIC 670108)		TRUMAN ANNEX			
"A" CO MILITARY INTEL (ARMY)					
23RD MILITARY INTELLIGENCE SQDN					

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• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Off	Enl	Civ
4700TH OPERATIONS	B4865	CUDJOE KEY	0	0	0
SUPPORT SQDN	30311	ISLAMORADA FL	1	25	0
(OSS)	30314	MARATHON FL	0	24	0
U S COAST GUARD	N/A	MARATHON FL	0	0	2
STA ISLAMORADA	N/A	NAS	N/A	N/A	N/A
U S COAST GUARD	N/A	NAS	N/A	N/A	N/A
STA MARATHON	N/A	NAS	N/A	N/A	N/A
U S POST OFFICE	63408	NAS	N/A	N/A	N/A
KEYS FEDERAL	N/A	NAS	N/A	N/A	N/A
CREDIT	N/A	NAS	N/A	N/A	N/A
UNION	N/A	NAS	N/A	N/A	N/A
LOCKHEED SUPPORT		NAS	N/A	N/A	N/A
SYSTEMS		NAS	N/A	N/A	N/A
NAVAL MATERIAL		NAS			
TRANSPORTATION					
OFF					
(QUICKTRANS)					
MCDONALDS					

13. REGIONAL SUPPORT: Identify your relationship with other activities reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is to 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.)
<u>DEFENSE LOGISTICS AGENCY (DLA)</u>	<u>NAS KEY WEST, FL</u>	<u>ISSA - ADMINISTRATION AND CONTROL OF ENVIRONMENTAL COMPLIANCE FOR FACILITIES STORING DLA/DFSC-OWNED PRODUCT</u>
<u>FORT TAYLOR CAMPGROUND</u>	<u>TRUMAN ANX</u>	<u>UTILITIES SUPPORT</u>
<u>SIGSBEE ELEMENTARY SCHOOL (MONROE COUNTY)</u>	<u>SIGSBEE PARK</u>	<u>UTILITIES SUPPORT</u>
<u>DEPT OF THE INTERIOR</u>	<u>EVERGLADES NAT'L PARK (M/V ACTIVA OPERATES OUT OF USCG GRP KW TRUMBO PT ANNEX</u>	<u>ISSA - ACCOUNTING AND FINANCING FOR PETROLEUM, OILS AND LUBRICANTS (POL) FOR MV ACTIVA IN SUPPORT OF FT JEFFERSON NATIONAL MONUMENT</u>

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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.)

The following maps are forwarded:

Local Area Map

- Full size NAVFAC Dwg #5083575 - 2 copies
- Half size NAVFAC Dwg #5083575 - 12 copies

**DATA CALL 1: General Installation Information, continued
00213**

General Development Maps - (Include ESQD arcs)

Boca Chica Field

- Full size NAVFAC Dwg #5083577 - 2 copies
- Half size NAVFAC Dwg #5083577 - 12 copies
- Full size NAVFAC Dwg #5083579 - 2 copies
- Half size NAVFAC Dwg #5083579 - 12 copies
- Full size NAVFAC Dwg #5083583 - 2 copies
- Half size NAVFAC Dwg #5083583 - 12 copies
- Full size NAVFAC Dwg #5083581 - 2 copies
- Half size NAVFAC Dwg #5083581 - 12 copies

Truman Annex

- Full size NAVFAC Dwg #5083585 - 2 copies
- Half size NAVFAC Dwg #5083586 - 12 copies

Trumbo Point Annex

- Full size NAVFAC Dwg #5083587 - 2 copies
- Half size NAVFAC Dwg #5083587 - 12 copies

Fleming Key

- Full size NAVFAC Dwg #5083589 - 2 copies
- Half size NAVFAC Dwg #5083589 - 12 copies

Sigsbee Park

- Full size NAVFAC Dwg #5083591 - 2 copies
- Half size NAVFAC Dwg #5083591 - 12 copies

Poinciana Plaza/Commissary/White St. Trailer Park

- Full size NAVFAC Dwg #5083593 - 2 copies
- Half size NAVFAC Dwg #5083593 - 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).)

The following maps are forwarded:

HERO/HERP/HERF Areas

Boca Chica Field

- Full Size NAVFAC Dwg #5083583 - 12 copies
- Full Size NAVFAC Dwg #5083577 - 12 copies
- Full Size NAVFAC Dwg #5083579 - 12 copies

Data Call 1: General Installation Information, continued N00213

Truman Annex

- Full size NAVFAC Dwg #5083585 - 12 copies

Trumbo Point Annex

- Full size NAVFAC Dwg #5083587 - 12 copies

Fleming Key

- Full size NAVFAC Dwg #5083589 - 12 copies

Saddlebunch Key - NCTAMS LANT

- Full size NAVFAC Dwg #5083579 - 12 copies

Endangered Species (Marsh Rabbit)

Boca Chica Field

- Full size NAVFAC Dwg #5114069 - 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".)

The following maps are forwarded:

Aerial Photograph

Photo P-1, 12 copies

- Key West (Trumbo Point Annex, Truman Annex, Poinciana Plaza), Dredgers Key (Sigsbee park), Fleming Key

Photo P-2, 12 copies

- Boca Chica Field

Photo P-3, 12 copies

- Saddlebunch Key (NCTAMS LANT)

Photo P-4, 12 copies

- Cudjoe Key (Cudjoe Key Air)

• Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

Boca Chica Field

- Full size NAVFAC Dwg #5083577 - 2 copies
- Half size NAVFAC Dwg #5083577 - 12 copies
- 8 1/2 x 11" Noise Contour Map - 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. M. MUNNINGHOFF, CAPT USN
NAME (Please type or print)

COMMANDING OFFICER
Title

NAVAL AIR STATION KEY WEST
Activity

J. M. Munninghoff
Signature
3 February 1994
Date

NAS KEY WEST *UIC N00213*

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

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

NEXT ECHELON LEVEL (if applicable)

K. F. DELANEY

NAME (Please type or print)

K. F. Delaney

Signature

REAR ADMIRAL, U.S. NAVY

Title

Date *3/31/94*

Commander
Naval Shore Activities
U.S. Atlantic Fleet

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

MAJOR CLAIMANT LEVEL

H. H. MAUZ, JR.

NAME

H. H. Mauz, Jr.

Signature

ADMIRAL, U.S. NAVY

Title

Date *1/5/94*

Commander In Chief
U.S. Atlantic Fleet

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

Through administrative error, COMNAVSHORLANT certification obtained after CINCLANTFLT certification.

NAS KEY WEST *UIC N00213*

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

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

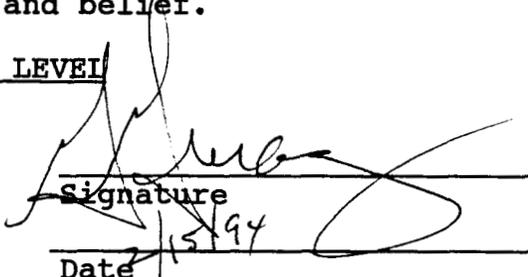
Title

Date

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

MAJOR CLAIMANT LEVEL

H. H. MAUZ, JR.
NAME



Signature

ADMIRAL, U.S. NAVY
Title

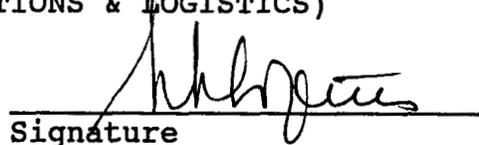
15/94
Date

Commander In Chief
U.S. Atlantic Fleet
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)

S. F. Loftus
Vice Admiral, U.S. Navy
NAME (Please type or print)
Operations (Logistics)



Signature

17 FEB 1994

**CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
OPERATIONAL/RESERVE AIR STATION/FACILITY: N00213 NAS KEY WEST FL**

Category.....Shore Support of Operating Forces
Sub-category....Operational Air Stations 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.*****

General Notes:

1. Highly recommend coordination of environmental inputs with Regional Environmental Coordinators.
2. For any airspace issues, coordinate with area airspace coordinator.
3. Recommend read-through of entire data call before answering individual questions.
4. Items which are Not Applicable should be noted as such.
5. For any projection provided in the data call response, explain how the projection was calculated (i.e., what changed and how you quantified it).
6. All data requested by fiscal year refers to the end of the fiscal year.
7. In answering throughput and capacity questions, assume that all previous BRAC decisions are implemented on schedule.

AIR STATION	TITLE	LOCATION
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
MC AIR STATION	CHERRY POINT	CHERRY POINT NC
MC AIR STATION	YUMA	YUMA AZ
MC AIR STATION	BEAUFORT	BEAUFORT SC
MC AIR STATION	NEW RIVER JAX	JACKSONVILLE NC
MC BASE	HAWAII	KANEOHE HI
MC AIR STATION	CAMP PENDLETON	CP PENDLETON CA
NAS/MCAS	MIRAMAR	SAN DIEGO CA
MC AIR STATION	KANEOHE	KANEOHE HI
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
NAVAL STATION	ROOSEVELT ROADS	ROOSEVELT ROADS RQ
NAVAL STATION	MAYPORT	MAYPORT FL
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 DC
RESERVE AIR STATION	ATLANTA	ATLANTA GA
RESERVE AIR STATION	FORT WORTH	FT WORTH TX
RESERVE AIR STATION	WILLOW GROVE	WILLOW GROVE PA

**BRAC 1995 CAPACITY ANALYSIS DATA CALL:
Operational/Reserve Air Stations/Facilities**

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**BRAC 1995 CAPACITY ANALYSIS DATA CALL:
Operational/Reserve Air Station/Facility**

AIR STATION/FACILITY - UIC N00213

STATION CAPACITY

1a. For the main airfield and each auxiliary airfield, answer the following questions:

Airfield Name Boca Chica Field

For each runway, give its designation, length, width, load capacity, lighting configurations, and arresting gear types. For each runway list any approach obstructions or any restrictions on flight patterns.

Runway	Length (ft)	Width (ft)	Max load	Lighting				Arresting Gear Type(s)
				F	P	C	N	
A-07-25	10,000	200	124,000 lb		X ₂			E-28 (2 each)
A-03-21	7,000	150	95,000 lb		X ₃	X ₃		E-28 (2 each)
A-13-31	7,000	150	117,000 lb		X ₄	X ₄		E-28 (3 each)

F -- Full lighting (runway edge, center, and threshold)

P -- Partial lighting (less than full)

C -- Carrier deck lighting simulated

N -- No lighting

¹Runway 03 and 13 have simulated carrier deck lighting.

No parallel runways. All runways are primary.

²High intensity runway lights. U.S. standard (A0 approach lights on only when the field is IFR or upon pilot request. Wave off lights are located 500', 1600' and 2400' from approach end of the runway, activated by the tower.

³High intensity runway lights. Carrier deck lighting commences approximately 100' from the approach end and is controlled by the LSO on the field.

⁴High intensity runway lights. Carrier deck lighting commences approximately 100' from the approach end and is controlled by the LSO on the field.

1b. Provide the composition (concrete, asphalt, other) and load bearing capacity of your aprons, ramps and taxiway.

Apron/ramp/taxiway Location - ID	SF	Comp.	ID Type/Model A/C Prohibited	Load Bearing Capacity
Apron-Boca Chica	2326185	Concrete	None	Aprons Range: 470,000lb. ¹
Taxiway-Boca Chica	2839554	Asphalt	None	Taxiway Range: 470,000lb. ¹

R

R

¹ NAS Key West can and has supported C-5/C-141 operations. There are no prohibitions on any service branch or aircraft type. NAS Key West airfield is capable of handling all aircraft in the military inventory.

R

1c. Do you have high speed taxiways? Discuss number and impact on airfield operations.

No high speed taxiways. Taxiway E is parallel to Runway 13/31. Other taxiways service runways and permit landing and takeoff without back taxiing.

1d. Are all runways with approved instrument approaches served by hi-speed taxiways?

No high speed taxiways. Taxiway E is parallel to Runway 13/31.

1e. List any restrictions to runways with approach obstructions or any restrictions on flight patterns. Explain

Right hand traffic rwy 25 and rwy 03. Rwy 25 is non-standard right traffic pattern due to AICUZ concerns over civilian housing. Rwy 03 is non standard right traffic flight pattern due to airspace considerations with the adjacent Class D surface area of Key West International Airport.

1f. For the main airfield and each auxiliary and outlying field, discuss any runway design features that are specific to particular types of aircraft (i.e., are the airfield facilities designated primarily fixed wing jet, prop, or helo aircraft?) Prime use runways as described in 1a. are able to support all military aircraft.

1b. Provide the composition (concrete, asphalt, other) and load bearing capacity of your aprons, ramps and taxiway.

Apron/ramp/taxiway Location - ID	SF	Comp.	ID Type/Model A/C Prohibited	Load Bearing Capacity
Apron-Boca Chica	2326185	Concrete	None	107,000 - 133,000 lb.
Taxiway-Boca Chica	2839554	Asphalt	None	33,000 - 160,000 lb

1c. Do you have high speed taxiways? Discuss number and impact on airfield operations.

No high speed taxiways. Taxiway E is parallel to Runway 13/31. Other taxiways service runways and permit landing and takeoff without back taxiing.

1d. Are all runways with approved instrument approaches served by hi-speed taxiways?

No high speed taxiways. Taxiway E is parallel to Runway 13/31.

1e. List any restrictions to runways with approach obstructions or any restrictions on flight patterns. Explain

Right hand traffic rwy 25 and rwy 03. Rwy 25 is non-standard right traffic pattern due to AICUZ concerns over civilian housing. Rwy 03 is non standard right traffic flight pattern due to airspace considerations with the adjacent Class D surface area of Key West International Airport.

1f. For the main airfield and each auxiliary and outlying field, discuss any runway design features that are specific to particular types of aircraft (i.e., are the airfield facilities designated primarily fixed wing jet, prop, or helo aircraft?)

Prime use runways as described in 1a. are able to support all military aircraft.

2a. List the **number of flight operations** (take-off, landing, or approach without landing) that the main airfield and all auxiliary fields can support on an hourly basis in both VMC and IMC. Comment on the factors at each field that limit this capacity (e.g., taxiway/runway limitations, airspace, ATC restrictions, environmental restrictions).

Airfield	# Flight Ops/Hr		Comments on Limiting Factors
	IMC	VMC	
Main	30	90	Single runway ops.
Auxiliary	None	None	
Auxiliary	None	None	
Auxiliary	None	None	

2b. Provide the average number of **(historical) flight operations** per month conducted at this station and the total number of days during which these operations were conducted. If data is not normally recorded, include estimates (and how derived). A flight operation is defined as a take-off, landing, or approach without a landing.

FY	Main Airfield		Auxiliary Field		Auxiliary Field		Auxiliary Field	
	# Ops	# Days	# Ops	# Days	# Ops.	# Days	# Ops.	# Days
1991	13200	30	None					
1992	14603	30	None					
1993	13165	30	None					

2c. What percent of your flight operations at home field are Fleet Carrier Landing Practices (FCLPs)?

Percentage FCLP's-4%.

2d. Are you designated as an **authorized divert field** for any non-DoD aircraft? Explain.

U.S. Coast Guard.

2e. Is your airfield designated as a **joint use airfield** (i.e. civilian/military, APOE)? If yes, explain mission and identify any special joint use facilities, equipment, or operational practices.

No.

2f. Are you a NATO designated facility? If yes, explain mission and identify any special NATO facilities, equipment, or operational practices.

No.

2g. What percentage of total operations are civilian?

Less than 1%. Civilian operations from NAS Key West Flying Club.

2h. Describe the major **civilian air traffic structures** (routes, terminal control areas, approaches, etc.) discuss the present and likely future impact of each on air station operations.

Civilian air traffic structures - KEY West International Airport Class D airspace lies immediately adjacent to NAS Key West Class D airspace. No impact on present or future ops.

2i. Are there any **air traffic control constraints/procedures** that currently, or may in the future, limit air station operations? If yes, fully explain impact.

Air traffic constraints - limited expansion capabilities due to limited real estate and environmental concerns (i.e. Endangered species; Federally endangered Keys Marsh Rabbit and potential Eagle nesting). No future impact anticipated.

2j. List the normal hours of operation for the main airfield and each auxiliary airfield. Indicate if this schedule varies by month or season. If not 24 hour a day operation, explain (i.e. noise restricted).

Operating Schedule	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Main Airfield ¹	0700-2200	0700-2200	0700-2200	0700-2200	0700-2200	0700-2200	0700-2200
Aux. Airfield	None						
Aux. Airfield	None						
Aux. Airfield	None						

¹Airfield operating hours restricted due to current OPS tempo and personnel staffing levels. Tower watch maintained 2200-0700 to launch/recover VMC alert aircraft.

3a. Assuming that airfield operations are **not constrained** by operational funding (personnel support, increased overhead costs, etc.), what **additional capacity** (in flight operations per hour) could be gained with the current equipment, physical plant, etc.? Provide details and assumptions for all calculations.

Additional operational capacity could be realized by encouraging detachments to utilize NAS Key West facilities during low traffic months. Without additional space (i.e. runways, ramp space, etc.) Units requesting deployments to NAS Key West during peak winter months are occasionally turned away. All requests for deployment logistic support must be carefully coordinated to maximize use of available space.

3b. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional operating capacity** would be realized? Provide cost and details of all additional capacity calculations.

No MILCON affecting operating capacity are programmed.

3c. What **additional projects** could be added to provide **additional operating capacity**? At what estimated cost? Provide details and assumptions for all calculations.

Construct new 28,000 SY apron. Estimated construction cost = \$1,800,000. See below for details, assumptions, and calculations.

Additional capacity for 28,000 SY apron:

(16.7YD) Wide peripheral taxilane for 28,000 SY apron = (400 YD)
 16.7 YD = 6,680 Round 7,000 SY.

Useable apron = 28,000 - 7,000 = 21,000

Note: Refer to our answer to question 16a.
 Current mix:

		SY A/C	Addl # A/C
F-16 = .43 X (21,000 SY) = 9,030 SY	1,059	9	
F-5 = .28 X (21,000 SY) = 5,880 SY	841	7	
A-4 = .29 X (21,000 SY) = 6,090 SY	715	9	

¹Cost from MIL HDBK 1010A FY95 unit cost guidance.

Break down of cost estimate:

DESCRIPTION	QTY	UNIT COST	ENGINEERING EST
1. DEMOLITION			
A. Bldg A-131	16,626 SF	10.00/SF	166,260
B. Bldg A-132	16,626 SF	10.00/SF	166,260
C. Bldg A-132	5,000 SF	10.00/SF	50,000
D. Bldg A-127	900 SF	10.00/SF	9,000
2. New Ramp	28,000 SF	47.00/SF ¹	1,316,000
3. Miscellaneous	1 JB 100,000/JB		100,000
4. Total:		\$1,807,520	
5. Round Off:		\$1,800,000	

¹ Cost from MIL HDBK 1010A FY95 unit cost guidance.

3d. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc. cannot overcome (e.g. airspace size/availability, AICUZ restrictions, environmental restrictions, land areas). Provide details of calculations.

Our primary land restrictions are wetlands, an endangered species of Marsh Rabbit and potential eagle nesting. Additional funding could assist with expensive mitigation, i.e. replacement-in-kind of wetland areas we wish to fill for operational needs. As such, wetlands are not relevant to this question, but are discussed here for clarification. Funding may not solve the situation with rabbit "encroachment" since the endangered species act places value on an existing habitat; some 200 acres of the Boca Chica Airfield are documented habitat for the animal. Assuming mitigation was allowed, cost of relocating the 200+ acre habitat is about \$100,000/acre or \$2,000,000.

4. List all NAVAIDS with published approaches that support the main airfield and/or your auxiliary airfields. Note any additions/upgrades to be added between now and FY1997.

NAVAID	DESCRIPTION/LOCATION
VOR/TACAN (EYW)	113.5/CH 82 Fleming Key N24DEG 35.12MIN W81DEG48.04MIN Located 280 degree, 6 miles from field.
TACAN (NQX)	CH 29 N24DEG 34.79MIN W81DEG 40.96MIN

BASING

5a. List all active duty Navy/USMC squadrons/detachments and the number of aircraft by type, model, and series (T/M/S), that will be permanently stationed/are scheduled to be stationed at this air station at the **end** of the indicated fiscal years.

Squadron/DET	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
VF-45	10	FA-18A	10	10	10	10	10
VF-45	10	F-5 E/F	11	11	11	11	11

5b. Summarize average visiting squadron/det loading on air station operations(i.e. airwing/wing weapons deployment).

Squadron/Det Size (#A/C)	Apron Space Used	Hangar Space Assigned	Maintenance Support	Ave length of stay
TACAIR 8 Aircraft	West Ramp	As Needed ¹	Limited I Level	12 Days
TRACOM 23 Aircraft	East/West Ramp	As Needed ¹	Limited I Level	10 Days
Drug Inter 2 Aircraft	East Ramp	As Needed ¹	Limited I Level	14 Days
Logistics 2 Aircraft	East Ramp	As Needed ¹	Limited I Level	11 Days
Non-Navy 3 Aircraft	East/West Ramp	As Needed ¹	Limited I Level	11 Days
Misc 2 Aircraft	East/West Ramp	As Needed ¹	Limited I Level	7 Days

¹NAS Key West hosted 145 Dets during FY93 with sizes ranging from 1 A/C to 54 A/C. Average Det size was 5.07 aircraft (735 total). Average length of stay was 11 days. Utilization - peaks at 100% during the winter months with capacity limited by BQ space. Year round utilization average is estimated at 60-65%. VF-45 and their maintenance contractor (Lockheed) are assigned four modules in hangar A-981 per NAVFAC P-80. No FRS's assigned. Visiting detachments are assigned hangar space on an as needed basis; admin spaces are assigned dependent upon Det size and individual requirements.

5c. If a major percent of flight operations at your air station is from other than permanently stationed squadron/detachments, provide explanation.

Primary mission is to provide support for transient training detachments taking advantage of favorable weather conditions, Tactical Air Combat Training System (TACTS) Range, and unencumbered airspace.

6a. List all reserve Navy/USMC squadrons/detachments and the number of aircraft by type, model, and series (T/M/S), which will be stationed/are scheduled to be stationed at this air station at the end of the indicated fiscal years.

Squadron/Det	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
None							

6b. For each reserve squadron at your air station, provide the number of authorized billets and the number of personnel actually assigned to the squadron for the past three fiscal years. Provide this information in the format below for both Selected Reservists (SELRES) and Training and Administration of Reserves (TAR) Navy Reservists/Full-Time Support (FTS) Marine Corps reservists. Explain differences between authorized and actual manning in the remarks section (i.e. not enough qualified reservists in the area). None.

Squadron:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot	None											
NFO												
Other Officer												
Enlisted												

Remarks:

Squadron:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot												
NFO												
Other Officer												
Enlisted												

Remarks:

Squadron:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot												
NFO												
Other Officer												
Enlisted												

Remarks:

7. List all **Station aircraft** by number, type, model, and series (T/M/S), which will be parked or stationed/are scheduled to be stationed at this air station at the **end** of the indicated fiscal years.

Squadron/ Custodian	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
NAS Key West	3	UH-3H	3	3	3	3	3
NAS Key West	1	UC-12B	1	1	1	1	1

8. List all DoD and non-DoD aircraft not previously listed, by custodian, including number, type, model, and series (T/M/S) of aircraft, which will be parked or stationed/are scheduled to be stationed at this air station at the end of the indicated fiscal years.

Service/ Agency/ Custodian	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
NAS Key West Flying Club	1	PA-28	1	1	1	1	1

9a. List other operational command or support units (ie. air wing staffs, MWSG, MWSS, MACG, MASS, etc.) stationed at this installation. For each Unit, give the unit identification number/UIC, mission, and facilities required (currently being used) to support the unit (i.e. equipment parking - 2500 SF; maintenance shop-200 SF; etc.).

Support Unit Id/UIC	Mission	Facilities Required	Equipment Laydown Requirement (covered/ uncovered in SF)
None			

9b. Due to BRAC or other realignments, what increases/decreases in operational command or support units will occur at your installation. Provide expected gains/losses by year through 2001.

None.

10a. List all other USN/USNR, USMC/USMCR, and other DoD or non-DoD active and SELRES units not listed previously, that are scheduled to be stationed at this air station at the end of the indicated fiscal years.

Unit	Active or Reserve	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
125FG DET FANG	Reserve	4	4	UNK	UNK	UNK

10b. For each of these other reserve Navy/Marine Corps units at your air station, provide the number of **authorized billets** and the number of personnel actually assigned to the squadron for the past three fiscal years. Provide this information in the format below for both Selected Reservists (SELRES) and Training and Administration of Reserves (TAR) Navy reservists/Full-Time Support (FTS) Marine Corps reservists. Explain differences between authorized and actual manning in the remarks section. None

NR Activity/Unit:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	None											
Enlisted												

Remarks:

NR Activity/Unit:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer												
Enlisted												

Remarks:

NR Activity/Unit:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer												
Enlisted												

Remarks:

11. For all reserve units that train at the air station, summarize the average number of candidate reservists on waiting lists for reserve billets (i.e., station/squadron/unit/etc.) during the years indicated.

	Average Personnel on Waiting List		
	FY 1991	FY 1992	FY 1993
Pilot	None		
NFO			
Other Officers			
Enlisted			

TRAINING SUPPORT

12a. Estimate the number of **flight operations** (take-off, landing, touch and go, and approach without landing) per year at your installation that are needed to **maintain required operational readiness** by each squadron/unit assigned to the installation. Provide comments on the basis for these values.

Squadron/ Unit	Aircraft Type	Number of Flight Operations/Yr	Comments
VF-45	FA-18	3600	
VF-45	F-5	3600	
VF-45	F-16	3600	
NAS Key West	UH-3H	1152	

12b. For each **Special Use Airspace (SUA)** or airspace-for-special use routinely used by squadrons/units assigned to your installation (regardless of location), indicate how many hours per year are **required** for each user to maintain **required operational readiness**. Special Use Airspace includes alert areas, military operating areas (MOA), restricted areas, and warning areas which are used for air-to-air, air-to-ground, electronic (EW, ECM), low level training routes (MTRs), and other training.

¹ include RON/domestic deployment training

SUA	Location /Dist	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
W174A	310/60	A/A GUNNERY/ ACM	00213	VF-45 ¹	Fleet Air Superiority Training	885.8
W174B	300/20	ACM/SO. TACTS RNG	00213	VF-45 ¹	Fleet Air Superiority Training	1066.3
W174C	180/15	ACM/FCF	00213	VF-45 ¹	Fleet Air Superiority Training	925.9
W174E	270/25	ACM/BOM B/STRAFE	00213	VF-45 ¹	Fleet Air Superiority Training	973.6
W174F,G	340/40	ACM/NO.T ACTS RNG	00213	VF-45 ₁	Fleet Air Superiority Training	1215.6
W465A,B	110/35	ACM/ TRACOM FCF	00213	VF-45 ¹	Fleet Air Superiority Training	203.0

Remarks: ¹VF-45 is the only unit homeported at NAS Key West. As an aggressor squadron, they co-utilize SUA's to train fleet units in the ACM mission. TRACOM and others utilize the SUA for their unit training.

12c. For each Special Use Airspace (SUA) or airspace-for-special-use complete the following table:

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled	Utilized ¹	Operating Limit. ²
					# Hours	# Hours	
W174A	310/60	A/A Gunnery ACM	00213	1991	622.7	322.6 ³	4
				1992	655.5	343.2	
				1993	908.1	885.8	
W174B	300/220	ACM/SO. TACTS RUG	00213	1991	1485.7	3149.9	4
				1992	1597.5	3351.0	
				1993	903.0	1066.3	
W174C	180/15	ACM/ FCF	00213	1991	1297.2	955.7	4
				1992	1380.0	1038.9	
				1993	959.4	925.9	
W174E	270/25	ACM/ BOMB STRAFF	00213	1991	412.9	102.0	4
				1992	444.0	104.1	
				1993	987.5	973.6	
W174F,G SABLE	340/40	ACM/ NO. TACTS RING	00213	1991	1075.7	174.3	4
				1992	1120.5	177.9	
				1993	1233.6	1215.6	
W465A,B	110/35	ACM/ TRACOM / FCF	00213	1991	N/A	N/A	4
				1992	N/A	N/A	
				1993	293.3	203.0	

¹ For the "Utilized" values, provide reasons for hours scheduled, but not utilized (e.g. 40% canceled due to weather; 10% canceled for unscheduled range maintenance, etc.).

² Provide any comments on operating limitations.

³Utilization discrepancies are due to aircraft availability. FY93 data considered more accurate than FY91/92 data.

⁴No operating limitations.

12d. Assuming that the flight training facility is **not constrained by operational funding** (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc. , what **additional use of airspace assets** could be realized? Provide details and assumptions for all calculations.

NAS Key West SUA and Aviation Facilities are underutilized from May through September. Additional squadrons detachments or additional homeported squadrons could maximize training during those months.

12e. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional operating capacity** would be realized? Provide cost and details of all additional capacity calculations.

No MILCON or BRACON scheduled.

12f. What additional projects could be added to provide additional operating capacity? At what estimated cost? Provide details and assumptions for all calculations.

Additional projects - Install Joint Tactical Combat Training System which has the capability of monitoring 100 high activity aircraft, 24 ships, and 6 submarines for integrated training. Training sorties could be doubled. System is still in development; cost estimates are not available at this time.

12g. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., airspace size/availability, AICUZ restrictions, environmental restrictions, land areas).

Key West has excellent air training ranges. Air training ranges are adequate for present missions and can handle additional flight operations.

12h. In the event that it became necessary to increase base loading at your installation, does the **airspace** overlying and adjacent to your installation have the **capacity** to assume an additional workload? Estimate the percentage of the possible increase. Provide the basis/calculations for these estimates.

Usage could be increased 30-35% by using unscheduled times. Additional increases could be realized by expanding operating hours.

13a. For each ground/water training facilities/ranges/training areas routinely used by squadrons/units assigned to your installation (regardless of location¹), indicate how many hours per year are required for each user to maintain readiness?

¹ include RON/domestic deployment training

Ground Training Facility	Location/Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
TACTS	NAS Key West	ACM	09711	VF-45		2100
Pistol Range	NAS Key West	Quals	00213	NAS Key West	Quals	1329
Dive Tank	Trum. Pt. Key West	Swim	W1E01C	SAR/SF	Water Surv	1000
Dive Tower	Trum. Pt. Key West	Swim	W1E01C	SAR/SF	Water Surv	300

Remarks:

13b. For each ground/water training facility/range/training area listed above, complete the following table:

Ground Training Facility	Location/Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled	Utilized ¹
					# Hours	# Hours
TACTS	NAS Key West	Air Combat Maneuvers	09711	1991	2174	2174
				1992	2145	2145
				1993	2000	2000
Pistol Range	NAS Key West	Quals	00213	1991	None	None
				1992	1329	1329
				1993	1329	1329
Dive Tank	NAS Key West	Swim	W1E01C	1991	None	None
				1992	1000	1000
				1993	300	300
Tower	NAS Key West	Quals	W1E01C	1991	None	N/A
				1992	1000	1000
				1993	300	300

¹For the "Utilized" values, provide reasons for hours scheduled, but not utilized (e.g. 40% canceled due to weather; 10% canceled for unscheduled range maintenance, etc.).

13c. Assuming that the ground training facility/range/training areas are not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc. , what **additional capacity** (beyond scheduled) could be gained? Provide details and assumptions for all calculations.

Additional capacity could be gained by extending hours of operations for all facilities and expanding the range of missions conducted in local Warning Areas/TACTS range to include ASW, Ship ops, night TAM/Form flights. An increase of 60-65 percent in the number of training sorties is anticipated.

13d. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional capacity** would be realized? Provide cost and details of all additional capacity calculations.

No MILCON or BRACON Scheduled.

13e. What additional projects could be added to provide additional operating capacity? At what estimated cost? Provide details and assumptions for all calculations.

The Shallow Water Anti-Submarine Warfare (ASW) training site is currently being researched for the feasibility of establishment. Costing is not available until the research is completed. Estimated time of completion is Aug 94.

13f. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., zoning restrictions, lack of available space, etc.).

Key West has excellent air training ranges. Air training ranges are adequate for present missions and can handle additional flight operations. When relations with Cuba normalize, additional air training ranges will become available.

14a. 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 2001 Requirements		
			A	B	C	A	B	C
Academic Instruction	Army Special Forces	Dive School	¹			835	340	283,900

A = Students per year

B = Number of hours each student spends in this training facility for the type of training received

C = A X B

¹Under construction. Due to open June 1994.

CCN: 171-20

Type of Training Facility	School	Type of Training	FY 1993 Requirements ⁴			FY 2001 Requirements ⁴		
			A	B	C	A	B	C
VF-45 Applied Instruction	SFARP ¹	Fleet DACT ²	96	60	5722	180	62	11160
Applied Instruction	VFA-106 Air to Air	TACTICS/FRS DACT	80	24	1920	120	24	2880
VF-101 Applied Instruction	VF-101 Air to Air	TACTICS/FRS DACT	133	90	11970			

A = Students per year

B = Number of hours each student spends in this training facility for the type of training received

C = A X B

¹SFARP = Strike Fighter advanced readiness

²DACT = Dissimilar Air Combat Training

³FRS = Fleet Readiness Squadron

⁴The above figures are based on F/A-18's and the requirements will steadily increase.

14b. By Category Code Number (CCN), complete the following table for all training facilities aboard the installation. Include all 171-xx, 179-xx CCN's.

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. **Three tables provide information for this question.**

CCN: 171-10

Type Training Facility	Total Number	Design Capacity (PN) ¹	Capacity (Student HRS/YR) ²
Academic Inst.	1	90	216,000
Academic Inst.	1	120	307,200 ³

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.

²Design how the student HRS/YR value in the preceding table was derived.

$$90 \text{ PN} \times 300 \frac{\text{DAYS}}{\text{YR}} \times 8 \frac{\text{HRS}}{\text{DAY}} = 216,000$$

$$120 \text{ PN} \times 256 \frac{\text{DAYS}}{\text{YR}} \times 10 \frac{\text{HRS}}{\text{DAY}} = 307,200$$

³Army Special Forces

CCN: 171-20

Type Training Facility	Total Number	Design Capacity (PN) ¹	Capacity (Student HRS/YR) ²
Applied Instruction	7	798	1,915,200 ³
Applied Instruction	1	110	300,000 ⁴

¹Design 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.

²Design how the student HRS/YR value in the preceding table was derived.

$$798 \text{ PN} \times \frac{8 \text{ HRS}}{\text{DAY}} \times \frac{300 \text{ DAYS}}{\text{YR}} = 1,915,200$$

$$110 \text{ PN} \times \frac{9 \text{ HRS}}{\text{DAY}} \times \frac{300 \text{ DAYS}}{\text{YR}} = 297,000 \text{ (Replace current)}$$

³Does not include B-48 (Trumbo Point)

⁴VF-45/VF-101 Briefing Rooms

CCN: 179-55

Type Training Facility	Total Number	Design Capacity (PN) ¹	Capacity (Student HRS/YR) ²
Combat Trg Tank	1	NONE	NONE ³

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.

²Design how the student HRS/YR value in the preceding table was derived.

³Army Dive Tank.

14c. Assuming that the ground school 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/yr) could be gained? Provide details and assumptions for all calculations.

1. Night training exercises could be utilized thereby doubling the current capacity.

2. As noted above in 14b, Trumbo Point Annex, Bldg B-48 is scheduled to be excessed. If that facility were retained, we could continue using it for training and administrative support. The training portion alone would provide 24,569 additional square feet. This would produce 328 seats, which could be used for 8 hours a day, 300 days a year, resulting in additional capacity of 860,672 student hours per year.

14d. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc. cannot overcome.

None.

14e. For facilities with category codes 171-xx, 179-xx, and any other CCN's, provide the amount of adequate, substandard and inadequate **facilities** in terms of square feet and number of students.

Parent UIC	CCN	Facility Type	Adequate		Substandard		Inadequate		Total	
			SF	PN	SF	PN	SF	PN	SF	PN
N00213	171-10	ACD Inst	6758	90					6758	90
N00213 ¹	171-10	ACD Inst	20452	120					20452	120
N00213	171-20	Appl Inst	54704	729	934	13	12421	166	68059	908

¹Actual PN count, others were estimated.

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 describe why the facility 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. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

CCN: 171-20

12421 SF of inadequate space is Bldg A-628 (Seabees). This building is inadequate due to structural deterioration. Estimated cost of repairs (\$400,000) exceeds 75% of constructing a new building.

SHIP BERTHING CAPACITY

15a. For each Pier/Wharf at your facility list the following structural characteristics. Indicate the additional controls required if the pier is inside a Controlled Industrial Area or High Security Area. Provide the average number of days per year over the last eight years that the pier was out of service (OOS) because of maintenance, including dredging of the associated slip:

R

R

LOCATION	Pier/Wharf & Age ¹	CCN ²	Moor Length (ft)	Design Dredge Depth ³ (ft) (MLLW)	Slip Width ⁴ (ft)	Pier Width (ft) ⁵	CIA/Security Area? (Y/N) ⁶	ESQD Limit ⁷	# Days OOS for maint.
TRUMBO POINT	B-467 82 yrs	151-20	2200	30	None	133	N	None	None
TRUMBO POINT	B-796 40 yrs	151-20	450	30	180	20	N	None	None
TRUMBO POINT	B-797 40 yrs	151-20	400	30	180	20	N	None	None
TRUMBO POINT	B-798 40 yrs	151-20	400	30	180	20	N	None	None
TRUMBO POINT	B-465 82 yrs	151-20 151-40 154-20	1368	North - 20 South - 20	None	50% 140' 50% 200'	N	None	None
TRUMAN ANNEX	495 52 yrs ⁹	151-20	1440	30 ⁸	None	25	N	None	None
TRUMAN ANNEX	1340 29 yrs	151-20	716	30 ⁸	None	42	N	None	None
TRUMAN ANNEX	440 52 yrs ¹⁰	152-20	552	34	None	200	N	None	None

SHIP BERTHING CAPACITY

15a. For each Pier/Wharf at your facility list the following structural characteristics. Indicate the additional controls required if the pier is inside a Controlled Industrial Area or High Security Area. Provide the average number of days per year over the last eight years that the pier was out of service (OOS) because of maintenance, including dredging of the associated slip:

Pier/Wharf & Age ¹	CCN ²	Moor Length (ft)	Design Dredge Depth ³ (ft) (MLLW)	Slip Width ⁴ (ft)	Pier Width (ft) ⁵	CIA/Security Area? (Y/N) ⁶	ESQD Limit ⁷	# Days OOS for maint.
B-467 82 yrs	151-20	2200	30	None	133	N	None	None
B-796 40 yrs	151-20	450	30	180	20	N	None	None
B-797 40 yrs	151-20	400	30	180	20	N	None	None
B-798 40 yrs	151-20	400	30	180	20	N	None	None
B-465 82 yrs	151-20 151-40 154-20	1368	North - 20 South - 20	None	50% 140' 50% 200'	N	None	None
495 52 yrs ⁹	151-20	1440	30 ⁸	None	25	N	None	None
1340 29 yrs	151-20	716	30 ⁸	None	42	N	None	None
440 52 yrs ¹⁰	152-20	552	34	None	200	N	None	None

R
R

Pier/ Wharf & Age ¹	CCN ²	Moor Length (ft)	Design Dredge Depth ³ (ft) (MLLW)	Slip Width ⁴ (ft)	Pier Width (ft) ⁵	CIA/Securit y Area? (Y/N) ⁶	ESQD Limit ⁷	# Days OOS for maint.
TRUMAN ANNEX 442 52 yrs ¹⁰	152-20	2228	30 ⁸	None	75% 100' 25% 200'	N	None	None
FLEMING KEY F-389 52 yrs	152-10	108	12	None	50	N	1000# New Class 1-1 1E-76 For 1250 Exp. 4/96	None
BOCA CHICA A-934 ¹¹ Unk age	151-40	58	16 ¹¹	None	30	N	None	None

¹Original age and footnote a list of MILCON improvements in the past 10 years.

²Use NAVFAC P-80 for category code number.

³Comment if unable to maintain design dredge depth

⁴Water distance between adjacent finger piers.

⁵Indicate if RO/RO and/or Aircraft access. Indicate if on-pier structure limits open pier space.

⁶Describe the additional controls for the pier.

⁷Net explosive weight. List all ESQD waivers that are in effect with expiration date.

⁸26' Operational Depth.

⁹1989 MILCON improvements include major structural and utility upgrades. i.e., bilge water, sewer, electric, potable water.

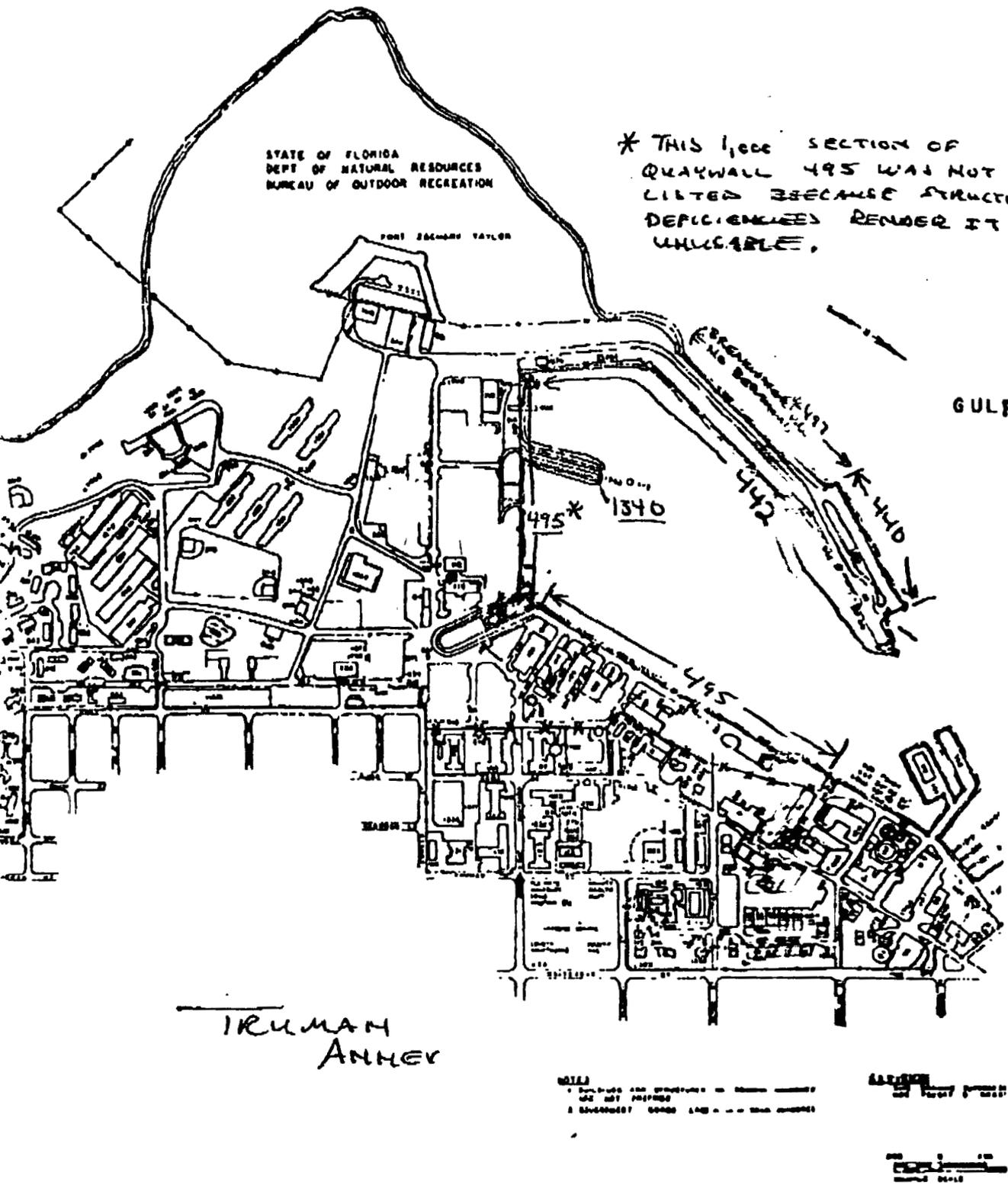
¹⁰1984 MILCON improvements include major structural and utility upgrades. i.e., fuel, bilge water, sewer, electric and potable water.

¹¹This pier is inadequate. It has been condemned due to structural deterioration, current depth estimated to be 10'.

Maps of areas attached as pages 30A through 30E.

R

R



REVISIONS TO CONSTRUCTION DRAWINGS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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30C

R (31 Oct 94)

Pier/ Wharf & Age ¹	CCN ²	Moor Length (ft)	Design Dredge Depth ³ (ft) (MLLW)	Slip Width ⁴ (ft)	Pier Width (ft) ⁵	CIA/Securit y Area? (Y/N) ⁶	ESQD Limit ⁷	# Days OOS for maint.
442 52 yrs ¹⁰	152-20	2228	30 ⁸	None	75% 100' 25% 200'	N	None	None
F-389 52 yrs	152-10	108	12	None	50	N	1000# New Class 1-1 1E-76 For 1250 Exp. 4/96	None
A-934 ¹¹ Unk age	151-40	58	16 ¹¹	None	30	N	None	None

¹Original age and footnote a list of MILCON improvements in the past 10 years.

²Use NAVFAC P-80 for category code number.

³Comment if unable to maintain design dredge depth

⁴Water distance between adjacent finger piers.

⁵Indicate if RO/RO and/or Aircraft access. Indicate if on-pier structure limits open pier space.

⁶Describe the additional controls for the pier.

⁷Net explosive weight. List all ESQD waivers that are in effect with expiration date.

⁸26' Operational Depth.

⁹1989 MILCON improvements include major structural and utility upgrades. i.e., bilge water, sewer, electric, potable water.

¹⁰1984 MILCON improvements include major structural and utility upgrades. i.e., fuel, bilge water, sewer, electric and potable water.

¹¹This pier is inadequate. It has been condemned due to structural deterioration, current depth estimated to be 10'.

15b. For each Pier/Wharf at your facility list the following ship support characteristics:

Pier/Wharf	OPNAV 3000.8 (Y/N)	Shore Pwr (KVA) & 4160V (KVA)	Comp. Air Press. & Capacity ¹	Portable Water (GPD)	CHT (GPD)	Oily Waste ¹ (gpd)	Steam (lbm/hr & PSI) ²	Fendering limits ³
B467	N	2,250	None	200,000	50,000	15,000	None	None
B796	N	200	None	100,000	25,000	10,000	None	None
B797	N	200	None	100,000	25,000	10,000	None	None
B798	N	200	None	100,000	25,000	10,000	None	None
B465	N	300	None	50,000	50,000	15,000	None	None
495 (Part)	N	1,900 KVA	None	200,000	100,000	100,000	None	None
1340	N	750 KVA	None	100,000	100,000	100,000	None	None
440	N	4,200 KVA	None	200,000	100,000	100,000	None	None
442	N	8,400 KVA	None	200,000	100,000	100,000	None	None
F-389	N	None	None	None	None	None	None	None
A-934		⁴	None	⁴	None	None	None	⁵

¹List only permanently installed facilities.

²Indicate if the steam is certified steam.

³Describe any permanent fendering arrangement limits on ship berthing.

⁴Utilities available nearby, but currently disconnected.

⁵Fenders exist, but are inadequate due to structural deficiencies.

15c. For each pier/wharf listed above state today's normal loading, the maximum capacity for berthing, maximum capacity for weapons handling evolutions, and maximum capacity to conduct intermediate maintenance.

Pier/Wharf	Typical Steady State Loading ¹	Ship Berthing Capacity	Ordnance Handling Pier Capacity ²	IMA Maintenance Pier Capacity ³
B-467	⁴	2,200	None	None
B-796	Boat/Length NAWC 350'	450	None	None
B-797	NAWC-03 85' NAWC-66 74' NAWC-57 96'	400	None	None
B-798	⁵	400	None	None
B-465	⁶ NAWC-38 292'	1,368	None	None
495	None	1,440	None	None
1340	None	716	None	None
440	Transient	552	None	None
442	Transient USCG 270 370' TACTS 110' Misc. Port OPS 200'	2,228	None	None
F-389	None	108	1	None
A934	⁰ 7	⁰ 7	⁰ 7	⁰ 7

¹Typical pier loading by ship class with current facility ship loading.

²List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

³List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

- ⁴Boat/Length NAWC 38 292'
- NAWC Acoustic Pioneer 280'
- NAWC YFC 235'
- NAWC BW 48'
- NAWC 024 31'
- NAWC 41/42SPL 62'
- NAWC Barge 52'

⁵Boat/Length - NAWC LCU 237'

⁶During equipment load/offload evolutions.

⁷This pier is condemned due to structural deficiencies therefore, all these values are zero.

15d. For each pier/wharf listed above, based on Presidential Budget 1995 budgeted infrastructure improvements in Presidential Budget 1995 through FY1997 and the BRAC 91 and 93 realignments, state the expected normal loading, the maximum capacity for berthing, maximum capacity for weapons handling evolutions, and maximum capacity to conduct intermediate maintenance.

Pier/Wharf	Typical Steady State Loading ¹	Ship Berthing Capacity	Ordnance Handling Pier Capacity ²	IMA Maintenance Pier Capacity ³
No Change	From 15c. ⁴			

¹Typical pier loading by ship class with current facility ship loading.

²List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

³List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

⁴No infrastructure improvements are programmed or planned.

15e. How much pier space is required to berth and support ancillary craft (tugs, barges, floating cranes, etc.) currently at your facility? Indicate if certain piers are uniquely suited to support these craft.

Tenant command NAWC presently accommodates all ancillary craft including a 40' barge and various work boats. Certain piers are not uniquely suited to support these craft.

15f. What is the average pier loading in ships per day due to visiting ships at your base. Indicate if it varies significantly by season.

Over 90 ships of varied size each year. Ship visits average 3 days in duration; pier loading is approximately .74 Ships per day. Loading is relatively consistent throughout the year.

15g. Given no funding or manning limits, what modifications or improvements would you make to the waterfront infrastructure to increase the cold iron ship berthing capacity of your installation? Provide a description, cost estimates, and additional capacity gained.

A. Repairs and alterations to South Quaywall, Truman Annex. This project would provide structural repairs and cold iron utility upgrades to a 1000 LF section of Truman Harbor Quaywall within operational depth of 30 ft.

COST ESTIMATE:

- (1) Structural Rehab - Provide new sheetpile wall with deadman tie back system.

1,000 LF \$ 2,100,000.00

- (2) Dredging

1,100 SY \$ 200,000.00

- (3) Mechanical Utilities

- Portable water distribution
- Sanitary sewer collection
- Oily waste collection & storage
- Saltwater system
- Low pressure air system

Lump Sum \$ 750,000.00

- (4) Electrical utilities

- 400 cycle distribution to shove power outlets
- Miscellaneous lighting
- Switchgear/step - down transformer

Lump Sum \$ 500,000.00

(5) Paving/site improvement

\$ 200,000.00

(6) Miscellaneous (10%)

\$ 350,000.00

Total: \$4,100,000.00

B. Pier A-934. A MILCON would be required to replace the existing inadequate pier.

(1) Demolition existing pier	\$ 50,000
(2) Environmental permitting, etc	250,000
(3) Construct new pier	275,000
(4) Extend utilities	65,000
(5) Dredging	<u>50,000</u>

Total Construction Cost =	\$690,000
A/E Design Costs =	<u>60,000</u>
Total Project Cost =	\$750,000

This project will increase our capacity to berth large vessels by 1,000 LF; harbor depth will accommodate a draft of 30-32' although present operational depth is 26'.

15h. Describe any unique limits or enhancements on the berthing of ships at specific piers at your base.

A. Pier D-3, otherwise known as facility No. B-465, is our most limited pier in terms of operating depth (about 20') and access (maneuverability is hampered by fast currents and significant civilian encroachment; all civilian boat traffic from the City of Key West's main harbor has to pass the north side of this structure to gain access to the Atlantic Ocean.

B. Pier A-934 is an inadequate, condemned fuel pier currently out of service. It is structurally deficient and utilities have been disconnected. Since this pier has been inactive for years, silt has flowed into the channel. Maintenance dredging and the acquisition of environmental permits would be required to reactivate this pier.

FACILITIES

16a. Using the types (and mix) of aircraft currently stationed at your installation, project the additional number of these aircraft (maintain approximate current mix/ratio of A/C) that could be based and parked on your **current parking aprons**.

Provide two estimates:

1. Using NAVFAC P-80 standard measures
2. Using real world planning factors to accommodate a surge demand for space (maintaining safe operating procedures).

Aircraft Type	Current # of Aircraft Parked/Stationed	Maximum Additional Capacity (# of Aircraft)		Total	
		NAVFAC	Surge	NAVFAC	Surge
F-16	6	65	94	71	100
F-5	5	54	78	59	83
A-4	6	65	94	71	100
C-12 ¹	1				
SH-3 HELO ¹	3				

¹The stationed aircraft are listed here for information only; they are not applicable to the question (and are therefore not included in the calculations) since:

Provide the **details of your calculations**, including your assumptions on the minimum separation between aircraft, parking angle, folding of aircraft wings and any obstructions that may limit the placement of aircraft on the parking apron spaces. Indicate if taxiway aprons are used in the projection.

1. There is no operational reason to significantly increase numbers of these aircraft.
2. Calculation of max additional capacity and surge for these aircraft would drive down numbers thereby introducing undue error into the capacity calculations for fighter aircraft.

DATA: Current A/C loading

- (6) F-16
- (5) F-5
- (6) A-4

By end of summer 1994: (10) F-5 & either (10) F-18 or (10) F-16. This loading not used since question assumes current mix.

APRON: 239,254 SY Adequate
12,071 SY Substandard

Peripheral Taxilane (Apron): $3,800' \times 150' / 9 \text{ FT/SY} = 63,333 \text{ SY}$ adequate.
 $200 \times 150' / 9 = 3,333 \text{ SY}$ Subst.

ASSUMPTIONS:

1. Utilize all 45 degree parking.
2. Non-Surge calculations utilize only adequate ramp; surge calculations utilize adequate & substandard ramp & decrease aircraft envelopes by 25%.

Calculations:

A. Non-Surge (NAVFAC)

Per NAVFAC P-80, Table 113-20B, The following envelope applies:

A-4 715 SY

No criteria for F-16 & F-5; the F-4 ratio of actual wingspan/length area vs envelope area is 17%. Therefore, use 17% to calculate F-5, F-16 envelopes:

	LENGTH	WINGSPAN	AREA (SY)
F-5	48'2"	26'8"	143
F-16	49'3"	32'10"	180

Envelope (SY) = Area/.17

F-5 = 841 SY

F-16 = 1059 SY

Aircraft Mix:¹

(6) F-16	= 6 X Envelope	= 6	(1,059 SY)	= 6,354 SY
(5) F-5	= 5 X Envelope	= 5	(841 SY)	= 4,205 SY
(6) A-4	= 6 X Envelope	= 6	(715 SY)	= <u>4,290 SY</u>
				14,849 SY

Total Current Envelope = 14,849 SY = X

F-16 = 6,354 SY/14,849 SY = .43 X
 F-5 = 4,205 SY/14,849 SY = .28 X
 A-4 = 4,290 SY/14,849 SY = .29 X

Available Apron = Adequate - Adequate Peripheral
 = 239,254 SY - 63,333 SY
 = 175,921 SY

Apron = 175,921 SY
 Total Current Envelope = 14,849 SY = 11.8

CAPACITY	PROJ TOTAL	EXISTING	PROJ ADDIT.
F-16 = 11.8 X (6) = 71		- 6 =	65
F-5 = 11.8 X (5) = 59		- 5 =	54
A-4 = 11.8 X (6) = 71		- 6 =	65

B. Surge:

Available Apron:

Total = Substandard - Substandard Peripheral
 (= 12,071 - 3,333 = 8,738 SY)
 + Adeq - Adeq Peripheral = 175,921 SY
 = 184,659 SY

Envelopes: - (Assumed 25% Decrease from P-80 Values)
 (See A) 14,849 (.75) = 11,137 SY

APRON = 184,649 SY
 Total Current Envelope = 11,137 SY = 16.6

CAPACITY	PROJ TOTAL	EXISTING	PROJ ADDIT.
F-16 = 16.6 X (6) = 100		- 6 =	94
F-5 = 16.6 X (5) = 83		- 5 =	78
A-4 = 16.6 X (6) = 100		- 6 =	94

16b. List current usage of parking apron area in SF, being used by the following categories of Squadron/Aircraft. The six categories listed correspond to the categories described above in questions 5 ,6, 7, 8, 9, and 10. Category Code Number (CCN) from P-80. Provide an estimate for FY 2001.

Parking Apron Location/ Designator	Apron Area in SF (CCN 113-20) and Apron Access Area in SF (CCN 113-40)						
	Active SQD/Det A/C	Reserve SQD/Det A/C	USN/USMC Station A/C	DoD or non- DoD A/C	Other USN(R) USMC(R), DoD/non- DOD	Other units not covered and transient A/C	
West Ramp	133641SF				38124SF	732168 SF	
East Ramp			63162SF	4914SF		1105200 SF	
Total:	133641SF		63162SF	4914SF	38124SF	1837368 SF	
FY2002 EST							
West Ramp	171000SF					1002276 SF	
East Ramp			63162SF	4914SF		1105200 SF	
Total:	171000SF		63162SF	4914SF		2107476 SF	
Column Totals:	304641SF		126324SF	9828SF	38124SF	7889688 SF	8368605 SF ¹

¹ Grand Total

16c. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What additional parking capacity would be realized? Provide cost and details of all additional capacity calculations.

None

16d. What additional projects could be added to provide parking space? At what estimated cost? Provide details and assumptions for all calculations.

Construct new 28,000 SY Apron. Estimated construction cost = \$1,800,000.00. See following for details, assumptions, calculations:

Breakdown of Cost Estimate:

DESCRIPTION	QTY	UNIT COST	ENGINEERING EST
1. DEMOLITION			
a. Bldg A-131	16,626 SF	10.00/SF	166,260
b. Bldg A-132	16,626 SF	10.00/SF	166,260
c. Bldg A-132	5,000 SF	10.00/SF	50,000
d. Bldg A-127	900 SF	10.00/SF	9,000
2. New Ramp	28,000 SF	47.00/SF ¹	1,316,000
3. Miscellaneous	1 JB	100,000	100,000
4. Total:			1,807,520
5. Round Off			1,800,000

¹Cost from MIL HDBK 1010A FY95 unit cost guidance.

16e. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., AICUZ restrictions, environmental restrictions, land areas, etc.).

Our primary land restrictions are wetlands and an endangered species of Marsh Rabbit and potential Eagle nesting. Additional funding could assist with expensive mitigation, i.e., replacement-in-kind of wetland areas we wish to fill for operational needs. As such, wetlands are not relevant to this question, but are discussed here for clarification. Funding may not solve the situation with rabbit "encroachment" since the endangered species act places value on an existing habitat; some 200 acres of the Boca Chica airfield are documented habitat for the animal. Assuming mitigation was allowed, cost of relocating the 200+ acre habitat is about \$100,000/acre = \$2,000,000.00.

17a. List the hangars at the air station. Identify by (P-80) type, year built, dimensions.

Hangar ID/#	Type I, II or (O)ther	Year Built	Hangar Deck Dimensions	Limiting Height	Current Usage	In SF			
						Adequate	Substandard	Inadequate	Total
A-936	O	1954	205 X 148	34.5'	Transients	0	112,085	0	112,085
A-981	I	1965	481.5 X 81.3	27'	VF-45 Trans Lockheed CT	72,641	0	0	72,641
A-131	O	1944	120 X 81	34.3'	SAR	0	0	22,410 ¹	22,410
A-132	O	1944	120 X 81	34.3'	Crash Fire Building			22,410 ¹	22,410
C-1	O	1940	372 X 240	32.3'	Partial Vacant, ² Partial Large, Equipment Storage.			99,500 ¹	99,500

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 describe why the facility 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. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

¹Inadequate Facilities:

Building A-131 - Cost of repairs (\$1,500,000.00) Exceeds 75% with cost of building new; repairs include hangar doors and major work to electrical and mechanical systems.

Building A-132 - Note: Reported as C-3 deficiency on FY93 Baserep. Cost of repairs (\$1,500,000.00) Exceeds 75% of cost of building new; repairs include work to remedy electrical mechanical and structural including hangar door - deterioration.

Building C-1 - Cost of repairs (\$6,500,000.00) Exceeds 75% of cost of building new; repairs include work to remedy major structural electrical and mechanical deterioration.

²Vacant spaces allocated for contingency operations.

OPNAU

N88 BRAC-95 Data Call Review Comments

Data Call # 16 : Capacity Analysis: Operational Air Stations

Activity: NAS Key West

Date: 23 June 94

Page	Paragraph	Comments
42	17.b.	Missing and inconsistent hangar data. Recommend activity re-submit response to question 17.b. (See attached)
49	19.a.	Basis of calculations not provided. Recommend activity re-submit response to question 19.a.
		CINCLANTFLT Base Closure office has been notified of these recommendations.

17b. For each hangar provide space allocation information listed in table below. Indicate if OPS/ADMIN space is in a non-contiguous building, Provide subtotal for each hangar.

Hangar #/ID/Type	SQD/Mod# Assignment	Ops + Admin Spaces SF/ Module	Maint Shops SF/ Module (O Level)	Hangar Deck SF/Module	A/C Line parking spaces ^{2,3}		
					#/ Module	SF	Elec. Pwr.
A-936	VF-101 (1) and Trans (1) Dets	35,463 SF 4.0 Modules ↔	38,475 SF 4.5 ← ? → Modules	38,147 SF 2.90 Modules	6 ⁶	11,430 ⁷	Y
A-981	VF-45 (1) and Trans Dets	15,831 SF 2.0 Modules	15,831 SF 2.0 ← ? → Modules	40,979 SF 2.80 Modules	7 ⁶	13,197 ⁷	Y
A-131	OMD and Trans Dets	5,920 SF 1.0 Modules	5,920 SF 1.0 ← ? → Modules	10,570 SF 0.70 Modules	4 ⁶	8,350 ⁷	N
A-132 ⁴		5,920 SF 1.0 Modules	5,920 SF 1.0 ← ? → Modules	10,570 SF 0.70 Modules			N
C-1 ⁵ Trumbo Point Annex		5,750 SF 1.0 Modules	5,750 SF 1.0 ← ? → Modules	88,000 SF 4.0 Modules			N

SAMPLE

Hangar XX Type: I, II, etc.	VF-1 (1)	xxxxx SF	xxxxx SF	xxxxx SF	x	xxx SF	Y
	VF-3 (1)	xxxxx SF	xxxxx SF	xxxxx SF	x	xxx SF	N
	VF-5 (1)	xxxxx SF	xxxxx SF	xxxxx SF	x	xxx SF	Y
	AIMD (1.5)	xxxxx SF	xxxxx SF	xxxxx SF	x	xxx SF	Y
	VACANT (1)	xxxxx SF	xxxxx SF	xxxxx SF	x	xxx SF	N
Hangar Subtotals:	5.5 modules	XX,XXX SF	XX,XXX SF	XX,XXX SF	X spaces	XXX SF	---

☞ show to the nearest 1/2 module, report actual SF for OPS/ADMIN, MAINT and Hangar deck space associated with each module.

17b. For each hangar provide space allocation information listed in table below. Indicate if OPS/ADMIN space is in a non-contiguous building, Provide subtotal for each hangar.

Hangar #/ID/Type	SQD/Mod# Assignment ₁	Ops + Admin Spaces SF/Module	Maint Shops SF/Module (O Level)	Hangar Deck SF/Module	A/C Line parking spaces _{2,3}		
					#/Module	SF	Elec. Pwr.
A-936	VF-101 (1) and Trans (1) Dets	35,463 SF 4.0 Modules	38,475 SF 4.5 Modules	38,147 SF 2.90 Modules	6 ⁶	11,430 ⁷	Y
A-981	VF-45 (1) and Trans Dets	15,831 SF 2.0 Modules	15,831 SF 2.0 Modules	40,979 SF 2.80 Modules	7 ⁶	13,197 ⁷	Y
A-131	OMD and Trans Dets	5,920 SF 1.0 Modules	5,920 SF 1.0 Modules	10,570 SF 0.70 Modules	4 ⁶	8,350 ⁷	N
A-132 ⁴		5,920 SF 1.0 Modules	5,920 SF 1.0 Modules	10,570 SF 0.70 Modules			N
C-1 ⁵ Trumbo Point Annex		5,750 SF 1.0 Modules	5,750 SF 1.0 Modules	88,000 SF 4.0 Modules			N
Total		68,884 SF 9.0 Modules	71,896 SF 9.5 Modules	188,266 SF 11.10			

¹Provide which SQD/Det was assigned to the specific module at receipt of this Data Call. (i.e., VFA-15, Hgr 1, Mod C)

²Dedicated aircraft parking spaces per Module and total square feet (SF) of A/C line parking spaces

³Are there A/C line parking spaces supported by permanently installed electric power? (Y/N)

⁴Inadequate facility used for crash fire building.

⁵Inadequate facility used for storage and contingency located at Trumbo Point Annex and can accommodate helo, boat and seaplanes.

⁶Assumes current type of aircraft assigned allows for space around aircraft to facilitate maintenance while in the hangar.

⁷SF in each module allows for unusable space set aside for fire lanes inside hangar.

17c. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional hangar capacity** would be realized? Provide cost and details of all additional capacity calculations.

None.

17d. What additional projects could be added to provide more hangar space? At what estimated cost? Provide details and assumptions for all calculations.

Construct new 38,000 SF type I Hangar and associated access ramp to provide maintenance and admin space to homeport two additional fleet squadrons. Estimated construction cost = \$4,000,000. The following cost estimate is provided for all details, assumptions and calculations:
new 38,000 SF hangar and access ramp

	QTY	UNIT COST	ENG EST.
1. Environmental Mitigation (Rabbit & Wetland)	3.7 Acre	100,000/AC	370,000
2. New Type I Hanger	38,000 SF	87.00/SF ¹	3,306,000
3. New access Apron	1,000 SF	47.00/SF ¹	51,700
4. Miscellaneous	1 JB	200,000/JB	200,000
Total:			3,927,700
Rounded			4,000,000

¹FY 95 cost from MIL HNBK 1010A

17e. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., AICUZ restrictions, environmental restrictions, land areas, lack of expansion space, etc.).

Our primary land restrictions are wetlands and an endangered species of rabbit and potential eagle nesting. Additional funding could assist with expensive mitigation, i.e. replacement in-kind of wetland areas we wish to fill for operational needs. As such, wetlands are not relevant to this question but are discussed here for clarification. Funding may not solve the situation with rabbit "encroachment" since the endangered species act places value on an existing habitat. We could make a strong case to mitigate the 3.7 acres of habitat necessary for a new hangar since total percentage of total habitat effected is relatively small = 3.7 AC/200 AC = 1.85%.

17f. List all **squadrons/detachments** normally homeported at this air station that were deployed and **not assigned** hangar/maintenance spaces at receipt of this data call.

Squadron/Detachment	#/Type Aircraft	Deployed Location
None		

17g. List all **squadrons/detachments** normally homeported at this air station that were deployed and **were assigned** hangar/maintenance spaces at receipt of this data call.

Squadron/Detachment	#/Type Aircraft	Hanger Module Assignment
None		

17h. Using the types (and mix) of aircraft currently stationed at your installation, project the maximum additional number of these aircraft (maintain approximate current mix/ratio of A/C) that could be housed and maintained in your current hangars. Provide two estimates:

1. Using NAVFAC P-80 standard measures
2. Using real world planning factors to accommodate a surge demand for space (maintaining safe operating procedures).

Aircraft Type	Current # of Aircraft Parked/Stationed	Maximum Additional Capacity (# of Aircraft)		Total (Current + Additional)	
		NAVFAC	Surge	NAVFAC	Surge
F-16	6	10	18	16	24
F-5	5	8	15	13	20
A-4	6	10	18	16	24
C-12 ¹	1	1	1	1	1
SH-3 ¹	3	1	1	1	1

Provide the details of your calculations, including your assumptions on the minimum separation between aircraft, folding of aircraft wings and any obstructions that may limit the placement of aircraft in the hangars.

¹These stationed aircraft listed for information only; they are not applicable to the question (and are therefore not included in the calculations) since:

1. There is no operational reason to significantly increase numbers of these aircraft.
2. Calculations of maximum additional and surge for these aircraft would drive down numbers (thereby introducing undue error) into the capacity calculations for fighter aircraft.

ASSUMPTIONS:

1. Non-surge reduces usable hangar deck for fire lane & perimeter iaw p-80; aircraft separation is 5' iaw p-80.
2. Surge uses entire hangar deck and a 25% reduction in envelope.

DATA:

ASSETS CCN: 211-05 (OH) (HANGAR DECK)

HANGAR

Condition	A-936	A-981	A-131
Adequate	40,979SF		
Substandard	38,147SF		
Inadequate	10,570SF		

Total CCN 2111-05 = 89,696SF

Current Aircraft Mix ¹:

(6) F-16	¹ By end of fiscal year 1994: (10) F-5 & either (10) F-18 OR (10) F-16. This loading not used since question assumes current mix.
(5) F-5	
(6) A-4	

<u>AIRCRAFT</u>	<u>FT WINGSPAN</u>	<u>FT WINGSPAN + 5</u>	<u>FT LENGTH</u>	<u>FT LENGTH + 5</u>	<u>SF ENVELOPE</u>
F-16	32.8	37.8	49.25	54.25	2,051
F-5	26.7	31.7	48.2	53.2	1,686
A-4	27.5	32.5	39.4	44.4	1,443

Current Mix:

F-16: (6) X Envelope = (6) (2,051SF) = 12,306 SF
 F-5: (5) X Envelope = (5) (1,686SF) = 8,430 SF
 A-4: (6) X Envelope = (6) (1,443SF) = 8,658 SF

29,394 SF

A. Non-Surge:
CCN 211-05:

Allow 10' fire lane and 5' along non-door perimeter.

Hangar A-936: Fire 250 (10) = 2500 SF
 Perimeter 500 (5) 2500 SF
 5000 SF

Usable Deck = 38,147 SF - 5000 SF = 33,147 SF

Hangar A-981: Fire 81 (10) = 810 SF
 Perimeter 643.5 (5) = 3217.5 SF
 4027.5 SF

Usable Deck = 40,979 SF - 4027.5 SF = 36,951.5 SF

Hangar A-131: Fire 81 (10) = 810 SF
 Perimeter 282 (5) = 1410 SF
 2220 SF

Usable Deck = 10,570 SF - 2220 SF = 8,350 SF

Total Usable Decks: 78,448.5 SF

Total Usable Deck 78,448.5 SF
Current Mix Requirements = 29,394 SF = 2.67

	CURRENT		MAX P-80		MAX ADDITIONAL
F-16	(6)	X	2.67 = 16	- 6	= 10
F-5	(5)	X	2.67 = 13	- 5	= 8
A-4	(6)	X	2.67 = 16	- 6	= 10

B. Surge:

- Assume 25% reduction in envelope and use of entire hangar deck:

Envelope (Current Mix) = 29,394 SF
 29,394 (.75) = 22,045.5 SF

- Deck = 89,696 SF

Total Usable Deck 89,696 SF
Current Mix Requirement = 22,045.5 SF = 4.0

	CURRENT		MAX P-80		MAX ADDITIONAL
F-16	(6)	X	4 = 24	- 6	= 18
F-5	(5)	X	4 = 20	- 5	= 15
A-4	(6)	X	4 = 24	- 6	= 18

18. Do you have any of the following **special use facilities** at the Air Station?

CCN	Type of Facility	In SF				# of Units	Year Built
		Adequate	Substandard	Inadequate	Total		
211-01	Aircraft Acoustical Enclosure					0	
211-02	Nose Hangar					0	
211-03	Corrosion Control Hangar	4000			4000	1	65
211-75	Parachute/Survival Equipment Shop	3409			3409	1	65
211-81	Engine Test Cell			288	288	1	64
211-88	Power Check Pad with Sound Suppression					0	
211-89	Power Check Pad without Sound Suppression	1 (Each)		1 (Each)	2 (Each)	2	62
211-96	Maintenance, Aircraft Spares Storage	9000			9000	4	VAR Y
116-10	Airfield Washrack Pavement			8406	8406	1	45
116-15	Aircraft Rinse Facility	200			200	1	
214-30	Refueling Vehicle Shop					0	
218-60	Aircraft Ground Support Equipment	21514			21514	3	65
141-87	Liquid Oxygen/Nitrogen Facility	1768			1768	1	65
211-96	Maintenance, Aircraft Spares Storage (Ready Issue)	9000			9000	4	63
211-08	Airframes Shop	4000			4000	1	65
213-60	Paint Blasting Shop		225		225	1	92
211-12	Paint and Finishing Hangar	4000			4000	1	65
219-31	Paint and Related Operations Structure	360			360	1	65

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 describe why the facility 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. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

INADEQUATE	CCN	REASON
Engine test cell, A-969	211-81	Structural design deficiency excessive noise improper building site estimated repair costs (\$30,000) exceed 75% cost cost of building new.
Power check pad without sound, A-1042	211-89	Structural deterioration estimated repair costs (20,000) exceed 75% cost of building new.
Washrack pavement	116-10	Improper building site non-existent pollution abatement non-existent required plumbing facilities. Due to site, existing facility must be demolished and new facility constructed elsewhere. Estimated construction cost (\$65,000).

19a. Using the types (and mix) of aircraft currently stationed at your installation, project the maximum number of these aircraft that could be supported with your present AIMD/MALS facility.

Aircraft Type	Current Aircraft	# of	Additional # of Aircraft	Total
F-16N	5		4	9
TF-16N	1		0	1
F-5E	4		4	8
F-5F	1		1	2
C-12	1		0	1
H-3	3		3	6
A-4 ¹	6		0	6

¹Aircraft currently being phased out in FY94

Provide the basis (including source data) of your calculations in detail. Include limiting factors.

19b. Describe any aviation maintenance backlogs that the station currently experiences on a routine basis. List the average backlog times and the reasons for the backlogs (e.g. supply shortfall, insufficient local labor, over tasking of work stations, space limitations).

No significant maintenance backlogs noted. Aircraft Intermediate Maintenance Department is adequately manned and possesses the necessary support equipment and supply channels to support an increase in the number of aircraft as illustrated in chart 19a. Our primary maintenance support is limited to tire/wheel, battery and aviation life support system (ALSS) intermediate maintenance. At various intervals, AIMD is also tasked with supporting a multitude of transient aircraft. A deck load of 90 plus aircraft is not uncommon. These large deck loads combined with tenant aircraft can create a shortage in available support equipment.

19c. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional maintenance capacity** would be realized? Provide cost and details of all additional capacity calculations.

None planned.

19d. What additional projects could be added to provide additional maintenance capacity? At what estimated cost? Provide details and assumptions for all calculations.

The acquisition of the following test equipment would truly enhance AIMD's ability to support the FA-18 Weapon System (Hornet, due on board October 1994):

a. Radar System Test Set (RSTS) AN/APM-446 is used to test various Weapon Repairable Assembly's (WRA's)/Shop Replaceable Assembly's (SRA's) of the APG-65 Radar. Cost is \$1,440,000.

b. Hybrid Test Set (HTS) USN/484 is used to test one WRA (command launch computer) and the majority of SRA's in the F-18. Cost is \$800,000.

c. Interim Avionic Test Set (ASM-686) is used to run the majority of WRA's in the FA-18. Cost is \$910,000.

d. Servo Cylinder Test Station (STS) used to run the fly by wire flight control actuators in stalled the FA-18. Cost is \$920,000.

e. Automatic Test Set (USM-70) is used to run various WRA's in the hornet. Cost is \$880,000.

Note: We presently have the manpower on board to use these assets, however, our technicians will require training.

The availability of the above test sets and stations would greatly increase AIMD's maintenance capacity on the applicable equipment and systems, reducing maintenance turn-around time.

19e. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., AICUZ restrictions, environmental restrictions, land areas, etc.).

None planned.

20a. For the following aircraft support facility category codes, provide the amount of adequate substandard, and inadequate facilities.

CCN	Facility Type	Unit of Measure	Adequate	Substandard	Inadequate	Total	Number of Units
111-20	Landing Pads	SF	27,486			27,486	2
121-10	Direct ¹ Fueling						
124-30	Fuel Storage	GA	944,894		437,207	1,382,101	10
421-xx	Ammunition Storage	CF/TONS	907,466			907,466	40
425-xx	Open Ammunition Storage	SF					0
113-20	Parking Aprons	SF	2,153,286	108,639		2,261,925	3
113-40	Access Aprons	SF	64,260			64,260	N/A
116-56	Combat Aircraft Ordnance Loading Area	SF					0
	Other		267,615		8406	276,021	8

¹NAS Key West conducts all aircraft refueling via truck. No hot pits or hard stand exists. For truck refueling we have a top off stand with a 350 GPM capacity.

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 describe why the facility 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. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

CCN 124-30

437,207 GA of inadequate space is:

FACILITY NO.	GA	PROBLEM
A-927	50,000	Structural deterioration. Est. repair costs (\$40,000) exceeds 75% cost of replacement.
A-959	293,496	Structural deterioration. Est. repair costs (\$140,000) exceeds 75% cost of replacement.
D-15	37,485	Structural deterioration. Est. repair costs (\$75,000) exceeds 75% cost of replacement.
D-16	18,742	Structural deterioration. Est. repair costs (\$40,000 each) exceeds 75% cost of replacement.
D-17	18,742	Structural deterioration. Est. repair costs (\$40,000 each) exceeds 75% cost of replacement.
D-18	18,742	Structural deterioration. Est. repair costs (\$40,000 each) exceeds 75% cost of replacement.

TOTAL: 437,207 GA

20b. Assume that all planned MILCON in PB 1995 (Presidential Budget Submission) through FY 1997 and BRACON is completed as scheduled. What additional operating capacity would be realized? Provide cost and details of all additional capacity calculations.

None

20c. What additional projects could be added to provide additional operating capacity? At what estimated cost? Provide details and assumptions for all calculations.

Conversion of Trumbo Tarmac and C-1 Hangar into Helicopter Operations Center which would provide maintenance and take off/landing sites for detachment ASW and Special Forces helicopters operating in Key West warning areas. Construction cost estimate \$11,000,000. See following cost estimate:

DESCRIPTION	QTY	UNIT COST	ENG EST.
Demo C-1 Hangar	100,000 SF	10.00/SF	\$1,000,000
New Type I Hangar	100,000 SF	87.00/SF	8,700,000
Apron Repair	100,000 LF	10.00/LF	1,000,000
Miscellaneous	1 JB	300,000/JB	300,000
Total:			11,000,000

20d. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., environmental restrictions, land areas, etc.).

None at Trumbo Point Annex.

21a. Indicate the **aviation support equipment storage requirements** for **FY1994** by completing the following table. Do not repeat storage of equipment in hangars discussed in questions 17 and 18.

Squadron/Det	Open Storage Req/Laydown(SF)	Covered Storage Req/Laydown(SF)	General Characterization of Equipment/Supplies stored
AIMD	14,000	0	General Support Equipment

21b. Indicate the **aviation support equipment storage** requirements for **FY2001** by completing the following table. Do not repeat storage of equipment in hangars discussed in questions 17 and 18.

Squadron/Det	Open Storage Req/Laydown(SF)	Covered Storage Req/Laydown(SF)	General Characterization of Equipment/Supplies stored
AIMD	14,000	0	General Support Equipment

21c. Utilizing the **general supply storage** category codes listed in the following table, provide the amount of space available, under your plant account, presently classified as adequate, substandard, and inadequate. N/A

CCN	Facility Type	Ave Age	Unit Measure	Adequate	Substandard	Inadequate	Total	Comments
441-10	Gen. Warehouse		SF	98,392	43,681	0	142,073	
441-30	Haz/Flam Storehouse		SF	4,640	0	0	4,640	
441-72	Serv-Mart		SF	3,972	0	0	3,972	
441-10	Open Storage Area		SF	94,813	0	0	94,813	
441-xx	General Supply Storage-Covered Total	40	SF	107,004	43,681	0	150,685	
451-xx	General Supply Storage - Open Total	40	SY	94,813	0	0	94,813	

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 describe why the facility 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. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep. N/A

21d. List off base storage areas utilized due to lack of sufficient storage facilities on station to support aviation support unit equipment/supplies storage needs.

Squadron/Det	Storage: (O)pen or (C)overed	Laydown: SF	Location	Navy (O)wned or (L)eased
None				

22. In the following table, indicate the space and condition for each **specific facility** category codes indicated. Many of the P-80 Category Code Numbers (CCN's) have assets that are reported in units of measure other than square feet (SF). The only unit of measure desired for this Data Call is SF. Only report the assets in each CCN that are normally reported in SF.

Building Type	NAVFAC (P-80) CCN	Installation space (SF)			
		Adequate	Substandard	Inadequate	Total
Production Facilities	220-xx	1,760			1,760
RDT & E Facilities	300-xx	7,373	42,159	3,500	53,032
Supply Facilities	400-xx	201,746	29,596		231,342 ¹
Hospital, Medical, Dental	500-xx	10,250			10,250
Administrative Facilities	600-xx	168,761	9,192	0	177,953
Utilities/Grounds Improvements	800-xx	36,754	15,258	714	52,726 ²
	TOTAL	426,644	96,205	4,214	543,063

¹Did not include open storage/depot (CCN: 451-XX). This would result in additional adequate space of 94,706 sy and additional substandard space of 107 SY.

²Did not include roads (CCN: 851-XX) or walks, parking (CCN: 852-XX).

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 describe why the facility 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. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

Inadequate space breakdown:

CCN	BLDG NO.	SF	PROBLEM
315-10	B-27	3,500	Structural deterioration. Est repair cost (\$700,000) exceeds 75% of building new.
833-40	F-1285	320	Structural deterioration. Est repair cost (\$10,000) exceeds 75% of building new.
812-09	A-916	240	Structural deterioration. Est repair cost (\$1,000) exceeds 75% of building new.
890-77	A-128	154	Building improperly sited in an airfield Safety zone. Bldg should be demolished and replaced with a new bldg in an appropriate site. Est construction cost is \$10,000.

23a. Provide the following information on base infrastructure capacity and load.

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	0	14,000KW	10,000KW	13,000KW
Natural Gas (CFH)	0	0	0	0
Sewage (GPD)	400	2.3 MIL. GAL.	1,400,000	1,600,000
Potable Water (GPD)	0	2.3 MIL GAL.	1,000,000	1,500,000
Steam (PSI & lbm/Hr)	0	0	0	0
Long Term Parking ¹	341,995 SY.	0	341,995 SY.	341,995 SY.
Short Term Parking ¹	0	0	0	0

¹Long Term: No Term Assigned
 Short Term: Term Assigned

23b. Does the current base infrastructure (i.e., utilities, parking), combined with any upgrades/expansions budgeted through FY1997, or BRACON scheduled through FY1999 provide additional capacity? Explain what additional capacity would be gained.

No additional capacity since no significant utility/parking, upgrades are scheduled through FY 97.

23c. How will future requirements (both environmental and base loading) on existing facilities (i.e. sewage treatment, water treatment, etc) impact the base infrastructure capacity in FYs 1995 through FY2001? Explain, including an estimate of the adjusted future capacity.

Future (FY2001) requirements will be easily met given the existing excess capacity listed in 23a. Present potable water requirement is 1,000,000 GPD versus a present supply capacity of 2,300,000 GPD. Likewise, present sewage production is 1,400,000 gpd versus a present capacity of 2,300,000 GPD. No significant future capacity changes are anticipated.

24. Provide the **maintenance, repair, and equipment expenditure data**. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

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.

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.

ACE: Acquisition Cost of Equipment is the total acquisition cost of all "personal property" equipment maintained at your activity 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.

UIC 00213

Fiscal Year	MRP (\$M) ¹	CPV (\$M) ¹	ACE (\$M) ¹
FY1985	10.2	647	.115
FY1986	29.4	658	.154
FY1987	10.1	613	.046
FY1988	10.3	652	.039
FY1989	11.9	665	.058
FY1990	11.25	678	.051
FY1991	9.3	697	.040
FY1992	10.4	716	.027
FY1993	10.4	746	.028
FY1994	10.4 ^{10%}	777 ²	.05
FY1995	9.8	809 ²	.05
FY1996	9.3	842 ²	.05
FY1997	9.4	818 ²	.05

¹Assumed to mean millions of dollars

²Out year escalation factors are not available from NAVFAC; used FY92-FY93 escalation of 1.0415 for FY94-97

25a. Provide data on the BOQs and BEQs 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-E4, E5-E6, E7-E9, CWO-O2, O3 and above.
00213

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BOQ CWO-02 C2076/724-11	266	266	266	250	0	0	0	0
BOQ O3+ C2076/724-12	28	28	28	500+	0	0	0	0
BOQ O3+ Qtrs FF/724- 12	1	1	1	500+	0	0	0	0
BEQ 624 E1- 6/721-11/12	0	37					0	135-249
BEQ 625 E1-4 P/P E5-6/721- 11/12	32 21	16 21					32 21	135-249 135-249
BEQ 627 E1-4 P/P E5-6/721- 11/12	16 10	16 10					16 10	135-179 135-179
BEQ 630 E1-4 P/P E5-6/721- 11/12	17 17	17 17					17 17	135-179 135-179
BEQ 631 E7- 9/721-13	31	31					31	135-179
BEQ 632 E1-4 P/P E5-6/721- 11/12	18 14	16 14					18 14	135-179 135-179
BEQ 638 E1-4 P/P E5-6/721- 11/12	57 12	57 12			57 12	135-179		
BEQ 639 E1-4 P/P E5-6/721- 11/12	57 12	57 12			57 12	135-179 135-179		

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 648 E1-4 Tran E5- 6/721-12 Tran E7- 9/721-13	48 12 24	24 12 24	48 2	180-270 + 370	12 22	180-270 180-270		
BEQ 649 E1-4 Tran E5- 6/721-11/12	96 20	48 20	96	180-270	20	180-270		
BEQ 727 E1-4 P/P E5-6/721- 11/12	129 62	45 62	129	135-359	62	135-359		
BEQ 437 E1-4 P/P E5-6/721- 11/12	96 20	48 20	96	180-249	20	180-249		
BEQ 438 E1-4 P/P E5-6/721- 11/12	96 20	48 20	96	18-249	20	180-249		
BEQ 439 E1-4 P/P E5-6/721- 11/12	96 17	48 17	96	18-249	17	180-249		
BEQ 1350 E1- 4 P/P E5-6/721- 12 Tran E7- 9/721-13	96 9 11	48 9 11	96	180-269	9 11	180-269 180-269		
BEQ 1351 E1- 4 Tran E5-6 721-11/12	96	48	96	180-269	20	180-269		
C60 E1-6 Tran Spec	20	20					55	135-249
Forces 00213 721-11/12	55	39						

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: BEQ CCN 721

B. What makes it inadequate? In accordance with NAVFACINST 11010.44E, these facilities are designated as "Inadequate" since cost of necessary repairs exceeds 75% of replacing the facility in-kind. Specifically, the buildings all have structural inadequacies and do not meet basic requirements such as living space/person and head requirements of Design Policy letter DPL-93-001. Costs were recently verified by Southern Division, Naval Facilities Engineering Command.

C. What use is being made of the facility? Building 624 is uninhabitable and is closed. Building C60 will be vacated by Special Forces in June 1994 and will be closed. All other inadequate buildings are still being used as berthing.

D. What is the cost to upgrade the facility to substandard? \$2,000,000.00 each.

E. What other use could be made of the facility and at what cost? Administrative space \$1,000,000 each.

F. Current improvement plans and programmed funding: NAS Key West provided CINCLANTFLT a zero-based study in 1992 which called for demolition of these structures and a replacement MILCON P-648. Requested program year at that time was 1996. To date, the MILCON project has not been programmed.

G. Has this facility condition resulted in C3 or C4 designation on your BASEREP? Yes. Our FY93 BASEREP showed a C-3 entry stating "All barracks require upgrade to fully meet current quality of life standards".

25b. 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-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BOQ CWO-02 C2076/724-11	266	266	266	250	0	0	0	0
BOQ 03+ C2076/724-12	28	28	28	500+	0	0	0	0
BOQ 03+ Qtrs FF/724- 12 00213	1	1	1	500+	0	0	0	0
BEQ 624 E1-6 721-11/12	0	37					0	135-249
BEQ 625 E1-4 P/P E5-6/721- 11/12	32 21	16 21					32 21	135-249 135-249
BEQ 627 E1-4 P/P E5-6/721- 11/12	16 10	16 10					16 10	135-179 135-179
BEQ 630 E1-4 P/P E5-6/721- 11/12	17 17	17 17					17 17	135-179 135-179
BEQ 631 E7- 9/721-11/12	31	31					31	135-179
BEQ 632 E1-4 P/P E5-6/721- 11/12	18 14	16 14					18 14	135-179 135-179
BEQ 638 E1-4 P/P E5-6/721- 11/12	57 12	57 12			57 12	135-179 135-179		
BEQ 639 E1-4 P/P E5- 6/721/11/12	57 12	57 12			57 12	135-179 135-179		

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 648 E1-4 Tran E5- 6/721-12 Tran E7- 9/721-13	48 12 24	24 12 24	48 2	180-270 + 370	 12 22	 180-270 180-270		
BEQ 649 E1-4 Tran E5-6 721-11/12	96 20	48 20	96	180-270	20	180-270		
BEQ 727 E1-4 P/P E5-6/721- 11/12	129 62	45 62	129	135-359	62	135-359		
BEQ 437 E1-4 P/P E5-6/721- 11/12	96 20	48 20	96	180-249	20	180-249		
BEQ 438 E1-4 P/P E5-6/721- 11/12	96 20	48 20	96	180-249	20	180-249		
BEQ 439 E1-4 P/P E5-6/721- 11/12	96 17	48 17	96	180-249	17	180-249		
BEQ 1350 E1- 4 P/P ET-6/721- 12 Tran E7- 9/721-13	96 9 11	48 9 11	96	180-269	9 11	180-269 180-269		
BEQ 1351 E1- 4 Tran E5- 6/721-11/12	96 20	48 20	96	180-269	20	180-269		

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: BEQ CCN 721
- B. What makes it inadequate? In accordance with NAVFACINST 11010.44E, these facilities are designed as "Inadequate" since cost of necessary repairs exceeds 75% of replacing the facility in-kind. Specifically, the buildings all have structural inadequacies and do not meet basic requirements such as living space/person and head requirements of Design Policy letter DPL-03-001. Costs were recently verified by Southern Division, Naval Facilities Engineering Command.
- C. What use is being made of the facility? Building 624 is uninhabitable and is closed. Building C60 will be vacated. All other inadequate buildings will still be used as berthing.
- D. What is the cost to upgrade the facility to substandard? \$2,000,000 each.
- E. What other use could be made of the facility and at what cost? Administrative spaces: \$1,000,000 each.
- F. Current improvement plans and programmed funding: NAS Key West provided CINCLANTFLT a zero-based study in 1992 which called for demolition of these structures and a replacement MILCON P-648. Requested program year at that time was 1996. To date, the MILCON project has not been programmed.
- G. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

25c. What **additional BOQ/BEQ requirements**, if any, in FY 2001 have been identified as a result of BRAC I, II, & III and non-BRAC realignments, which are not reflected in the table above.

None.

26a. For military married family housing assigned to your plant account provide the following information:

Type of Quarters ¹	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	24	24		
Officer	3	148	148		
Officer	1 or 2	0	0		
Enlisted	4+	64	64		
Enlisted	3	562	562		
Enlisted	1 or 2	353	353		
Mobile Homes		0	0		
Mobile Home lots		0	0		

¹Four hundred units will be excessed or demolished and have not been reported.

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?

26b. What additional family housing requirements, if any, in FY 2001 have been identified as a result of BRAC I, II, III and non-BRAC realignments?

None

27. For personnel assigned to your base and tenant activities who live in government quarters other than yours, within the commuting area, indicate the plant account holder UIC for their quarters.

None

28a. 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	
Enlisted Dining Facility 722-10 Bldg A-515	19,000	250	19,000					95
Enlisted Dining Facility 722-10 Bldg 1287	17,100	250	17,100					Not currently used as a galley

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?

28b. 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	
Enlisted Dining CCN 722-10 Bldg A-515	19,000	250	19,000		0		0	95
ENLISTED Dining Facility CCN 722-10 Bldg 1287	17,100	250	17,100		0		0	Not currently used as a galley

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?

28c. What additional messing requirements, if any, in FY2001 have been identified as a result of BRAC I, II, and III and non-BRAC realignments, which are not included in the table above.

None.

29a. 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). **Ten tables provide information for this question.**

Real Estate Resources

Site Location: BOCA CHICA FIELD

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	14	8	0	6
Operational	4534	232 ¹	4242 ²	60
Training	0.5	0.5	0	0
R & D	0	0	0	0
Supply & Storage	25	18	0	7
Admin	3	2	0	1
Housing	17.5	13.5	0	4
Recreational	5	3	0	2
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	
Other - PARKING	70	70	0	
Total:	4669	347	4242	80

¹ 94 AC - RUNWAY
 53 AC - APRON
 65 AC - TAXIWAY
 20 AC - HANGAR, OTHER OP

232 AC

² 1205 AC - AICUZ CLEAR ZONE
 375 AC - ESQD
 200 AC - ENDANG. SPECIES
 2462 AC - WETLAND
 BLDG E.G. WEAPONS

4242 AC

Real Estate Resources

Site Location: TRUMAN ANNEX

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	1	1	0	0
Operational	34	29	0	5
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	12	7	0	5
Admin	0	0	0	0
Housing	40	40	0	0
Recreational	18	18	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other NEEDS PARKING	45	40	5 (HISTORIC BATTERY)	0
Total:	150	135	5	10

Real Estate Resources

Site Location: TRUMBO POINT

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0.3	0.3	0	0
Operational	16 ¹	10	0	6
Training	0.4	0.4	0	0
R & D	0	0	0	0
Supply & Storage	18	14	0	4
Admin	0.3	0.3	0	0
Housing	60	53	0	7
Recreational	10	7	0	3
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other ROADS/ PARKING	20	20	0	0
Total:	125²	105	0	20

¹10 Acres proposed to transfer to Coast Guard.

²These numbers will be reduced by 10 after proposed transfer to Coast Guard.

Real Estate Resources

Site Location: POINCIANA PLAZA

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	0	0	0	0
Admin	0	0	0	0
Housing	29	24	5 ¹	0
Recreational	3	3	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other ROADS/ PARKING	4	4	0	0
Total:	36²	31	5	0

¹Wetland

²Excessing paperwork currently being processed

Real Estate Resources

Site Location: OLD HAWK MISSILE SITES²

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	142.81 ¹	142.81 ¹	0	0
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	0	0	0	0
Admin	0	0	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other ROADS/ PARKING	0	0	0	0
Total:	142.81¹	142.81¹	0	0

¹Non-Operational

Hawk Missile Sites

1. KW 10 60.81AC

2. KW 65 44AC

3. KW 24 38AC

142.81

²Excessing paperwork for KW-65 is being processed; the KW10 & 24 sites form part of the AICUZ and will not be excessed.

Real Estate Resources

Site Location: COMMISSARY (SIMONTON ST.)

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	0	0	0	0
Admin	0	0	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other PARKING 0.7 OLD COMMISSARY BLDGS. = 1.12	1.82	1.82	0	0
Total:	1.82¹	1.82¹	1.82	0

¹Excessing paperwork currently being processed.

Real Estate Resources

Site Location: FLEMING KEY (ORDNANCE STORAGE)

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	40	0	0	40
Operational ¹	162	162	0	0
Training	23	23	0	0
R & D ¹	1	1	0	0
Supply & Storage	0	0	0	0
Admin	0	0	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other ROADS/USDA WWTP ²	30	30	0	0
Total:	256	216	0	40

¹R & D - Naval Research Lab.

²USDA; Wastewater Treatment Plant & Roads.

Real Estate Resources

Site Location: SIGSBEE PARK

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	1	0.5	0	0.5
Operational	0	0	0	0
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	1	0	0.5	0.5
Admin	0	0	0	0
Housing	277	175	102 ¹	0
Recreational	28	20	0	8
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other ²	45	45	0	0
Total:	352	241	102	9

¹Wetland/Water.

²Roads, parking, miscellaneous facilities.

Real Estate Resources

Site Location: WHITE ST. TRAILER PARK

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	0	0	0	0
Admin	0	0	0	0
Housing	1.80	0	0	0
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other ROADS	0.1	0	0	0
Total:	1.90	0	0	0

Real Estate Resources

Site Location: PEARY COURT¹

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	0	0	0	0
Admin	0	0	0	0
Housing	21	21	0	0
Recreational	1	1	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other ROADS/ PARKING =4 CREDIT UNION =2	6	6	0	0
Total:	28	28	0	0

¹Housing project is now under construction.

29b. Identify the features of this air station that make it a strong candidate for basing/training other types of aircraft/aircrews and other operational units in the future.

Features:

- Ideal flying weather.
- Controls 165,000 square miles of unencumbered air space.
- Maintains over 8500 LF of unobstructed pier space, while providing support to U.S. Coast Guard.
- Infrastructure can support additional permanently assigned aircraft, operating forces, and missions, or detached units such as:
 - S-3
 - P-3
 - Helicopter (Cyclone Class)
 - Fighter
 - Strike Fighter
 - Special Operating Forces
- No airfield encroachment problems.
- Potential for shallow and deep water ASW training.
- Tactical Air Combat Training System (TACTS) with 165,00 square miles of operating area and TACTS range of 2,400 square miles.

NAS KEY WEST UIC: 00213

30. WEAPONS AND MUNITIONS: Please answer the following questions if your activity performs any stowage or maintenance on any of the following ordnance commodities types:

ORDNANCE COMMODITY TYPES		
Mines	Expendables	LOE: Rockets
Torpedoes	INERT	LOE: Bombs
Air Launched	CADS/PADS	LOE: Gun Ammo (20mm-16")
Threat	Strategic Nuclear	LOE: Small Arms (up to 50 cal.)
Surface Launched	Tactical Nuclear	LOE: Pyro/Demo
Threat		Grenades/Mortars/Projectile

30a. 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 ordnance 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 Ordnance Stowage Summary R

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
A1114	0.1	1	0.00	0	PC/207 ¹	207
A1116	20.5	2100	38.6	2100	PC/10000	10000
A1117	7.0	86	0.0	0	225	1250
A1118	0.0	0	16.0	355.2	225	1250
A1119	0.2	1	8.8	498	15	140
A1120	0.1	1	4.0	265.7	15	140
A1121	0.1	1	5.0	1053.7	250	1250
A1122	0.8	10	5.0	1053.7	250	1250
A1123	0.0	0	5.0	1053.7	250	1250

30. WEAPONS AND MUNITIONS: Please answer the following questions if your activity performs any stowage or maintenance on any of the following ordnance commodities types:

ORDNANCE COMMODITY TYPES		
Mines	Expendables	LOE: Rockets
Torpedoes	INERT	LOE: Bombs
Air Launched	CADS/PADS	LOE: Gun Ammo (20mm-16")
Threat	Strategic Nuclear	LOE: Small Arms (up to 50 cal.)
Surface Launched	Tactical Nuclear	LOE: Pyro/Demo
Threat		Grenades/Mortars/Projectile

30a. 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 ordnance 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 Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
A1114	0.1	1	0.00	0	207	207
A1116	20.5	2100	38.6	2100	10000	10000
A1117	7.0	86	0.0	0	1250	1250
A1118	0.0	0	16.0	355.2	1250	1250
A1119	0.2	1	8.8	498	140	140
A1120	0.1	1	4.0	265.7	140	140
A1121	0.1	1	5.0	1053.7	1250	1250
A1122	0.8	10	5.0	1053.7	1250	1250
A1123	0.0	0	5.0	1053.7	1250	1250

NAS KEY WEST UIC: 00213

A1124	0.0	0	0.0	0	250	1250
A996A	4.0	272	198	28	PC/680	680
A996B	16.1	109	1.9	294	PC/680	680
A996C	1.4	7	23.8	228	PC/680	680
A996D	0.2	1	8.6	516.4	PC/170	170
A996E	0.1	1	7.3	0	PC/170	170
A996F	0.0	0	4.7	158.6	PC/170	170
A996G	0.2	1	1.09	29.6	PC/170	170
A996H	0.0	0	.5	3.6	PC/170	170
A996I	0.0	0	1.2	107	PC/170	170
A965	0.0	0	0.0	0	PC/728	728
F3	5.8	315	0.0	0	PC/6307	6307
F4	3.2	46	0.0	0	PC/1560	1560
F5A	1.8	12	0.0	0	PC/1176	1176
F5B	0.0	0	0.0	0	PC/768	768
F6	0.4	1	0.0	0	PC/140	140
F7	0.6	1	0.0	0	PC/140	140
F8	0.7	1	0.0	0	PC/140	140
F9	0.1	1	0.0	0	PC/140	140
F10	0.0	0	0.0	0	PC/70	70
F12	15.0	150	0.0	0	5	1000
F13	0.0	0	0.0	0	PC/140	140
F21	3.8	50	1.2	263	50	1250
F22	6.0	75	2.5	160	PC/1250	1250
F23	3.8	50	1.2	56	PC/1250	1250
F24	1.0	13	0.0	0	50	1250
F25	13.0	163	0.0	0	PC/1250	1250
F26	1.7	25	0.0	0	PC/1250	1250
F27	0.7	9	0.0	0	80	1250
F31	10.8	138	0.0	0	95	1250
F32	0.4	5	0.0	0	60	1250
F34	0.5	6	0.0	0	PC/1250	1250
F35	0.8	10	0.0	0	PC/1250	1250
F37	26.8	338	0.0	0	PC/1250	1250
F1329	26.6	338	0.0	0	95	1250
F1330	1.5	25	0.0	0	30	1250
F1331	0.0	0	0.0	0	PC/1250	1250
TOTAL	175.8	4373	334.3	8224.2	36551	52106

¹PC before a figure indicates physical capacity or 1 ton per square foot.

A1124	0.0	0	0.0	0	1250	1250
A996A	4.0	272	198	28	680	680
A996B	16.1	109	1.9	294	680	680
A996C	1.4	7	23.8	228	680	680
A996D	0.2	1	8.6	516.4	170	170
A996E	0.1	1	7.3	0	170	170
A996F	0.0	0	4.7	158.6	170	170
A996G	0.2	1	1.09	29.6	170	170
A996H	0.0	0	.5	3.6	170	170
A996I	0.0	0	1.2	107	170	170
A965	0.0	0	0.0	0	728	728
F3	5.8	315	0.0	0	6307	6307
F4	3.2	46	0.0	0	1560	1560
F5A	1.8	12	0.0	0	1176	1176
F5B	0.0	0	0.0	0	768	768
F6	0.4	1	0.0	0	140	140
F7	0.6	1	0.0	0	140	140
F8	0.7	1	0.0	0	140	140
F9	0.1	1	0.0	0	140	140
F10	0.0	0	0.0	0	70	70
F12	15.0	150	0.0	0	1000	1000
F13	0.0	0	0.0	0	140	140
F21	3.8	50	1.2	263	1250	1250
F22	6.0	75	2.5	160	1250	1250
F23	3.8	50	1.2	56	1250	1250
F24	1.0	13	0.0	0	1250	1250
F25	13.0	163	0.0	0	1250	1250
F26	1.7	25	0.0	0	1250	1250
F27	0.7	9	0.0	0	1250	1250
F31	10.8	138	0.0	0	1250	1250
F32	0.4	5	0.0	0	1250	1250
F34	0.5	6	0.0	0	1250	1250
F35	0.8	10	0.0	0	1250	1250
F37	26.8	338	0.0	0	1250	1250
F1329	26.6	338	0.0	0	1250	1250
F1330	1.5	25	0.0	0	1250	1250
F1331	0.0	0	0.0	0	1250	1250
TOTAL	175.8	4373	334.3	8224.2	52106	52106

30b. For each Stowage facility identified in question 1.1 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
A1114/Storehouse	Empty	N/A	Inert
A1116/Storehouse	Inert	RSSI	Inert
A1117/Igloo	Small arm	Own activity use training	Bomb/Air launched Demo/Gun ammo
A1118/Igloo	Empty	N/A	Bomb/Air launched Demo/Gun ammo
A1119/Igloo	Pyro	Own activity use operational stock	Demo, Gun ammo, Small arm/CADS
A1120/Igloo	Pyro	Own activity use operational stock	Demo, Gun ammo, small arm/CADS
A1121/Igloo	Pyro	RSSI	Bomb/Air launched Demo/Gun ammo
A1122/Igloo	Demo	RSSI	Bomb/Air launched gun ammo

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
A1123/Igloo	Empty	N/A	Bomb/Air launched Demo/Gun ammo
A1124/Igloo	Pyro	Own activities use operational stock	Bombs/Rocket/ Demo gun ammo small arm

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
A996A/Igloo	Pyro	RSSI	Gun ammo, Small arm CADS/Pads
A996B/Igloo	Gun ammo	RSSI	Small arm/CADS/Pads/Pyro
A996C/Igloo	Gun ammo	RSSI	Small arm/CADS/Pads Pyro
A996D/Igloo	CADS/Pads	RSSI	Small arm/CADS/Pads Pyro
A996E/Igloo	Empty	N/A	Gun/Ammo/ Small arm CADS/Pads/ Pyro
A996F/Igloo	Empty	N/A	Gun ammo/Small arm/CADS/Pads Pryo
A996G/Igloo	CADS/Pads	RSSI	Gun ammo/Small arm pyro
A996H/Igloo	Empty	N/A	Gun ammo/Small arm CADS/Pads/Pyro Gun ammo/Small arm CADS/Pads/Pyro

Total Facility Ordnance Stowage Summary continued

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
F3 Storehouse	Inert	Own activity use operational stock	Inert
F4 Storehouse	Inert	Own activity use operational stock	Inert
F5A Storehouse	Inert	Deep stow war reserve	Inert
F5B Storehouse	Empty	N/A	Inert
F6 Igloo	Grenades	Deep stow war reserve	CADS/Pads, Pyro/Demo/Projectiles
F7 Igloo	Small arm	Other US Army	Pyro/Demo/Grenade projectiles
F8 Igloo	Grenades	Deep stow	CADS/Pads, Pyro/Demo/Projectiles
F9 Igloo	Grenades	Deep stow war reserve	CADS/Pads, Pyro/Demo/Projectiles
F10 Igloo	Empty	N/A	CADS/Pads, Pyro/Demo/Projectiles
F12 Igloo	Empty	N/A	Inert

Total Facility Ordnance Stowage Summary continued

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
F13 Igloo	Grenade	Deep stow	CADS/Pyro/ Demo Small arm
F21 Igloo	Small Arm	Deep stow WAR RESERVED	Surface launched gun ammo/demo
F22 Igloo	Gun ammo	RSSI	CADS/Pads/ Pyro/Demo/ Small arm
F23 Igloo	Pyro	RSSI	CADS/Pads/ Demo Gun ammo
F24 Igloo	Demo	Deep stow war reserved	Surface launch gun ammo
F25 Igloo	Gun ammo	RSSI	CADS/Pads/ Pyro demo/ Small arm
F26 Igloo	Demo	Deep stow war reserved	CADS/Pads Pyro demo/ Small arm
F27 Igloo	Demo	Deep stow war reserve	Surface Launch Gun Ammo
F31 Igloo	Demo	Deep stow war reserved	CADS/Pads, Pyro gun ammo
F32 Igloo	Demo	Deep stow	CADS/Pads/ Pyro gun ammo
F34 Igloo	Small Arm	Deep stow war reserved	CADS/Pyro/ Demo Gun ammo

Total Facility Ordnance Stowage Summary continued

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
F35 Igloo	Gun ammo	RSSI	CADS/Pyro/ Demo Small arm
F37 Igloo	Gun ammo	RSSI	CADS/Pyro/ Demo Small arm
F1329 Igloo	Demo	RSSI	Surface Launch Gun Ammo/Pyro
F1330 Igloo	Gun ammo	RSSI	Surface launch Small arm/ Pyro
F1331 Igloo	Empty	N/A Use operational stock	Surface Launch Gun Ammo/Pyro

Additional comments:

Revised pg

NAS KEY WEST UIC: 00213

30c. 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
A1114	INERT	N/A	N/A	N/A	N/A
A1116	INERT	N/A	N/A	N/A	N/A
A1117	1.1	225000	YES	N/A	N/A
A1118	1.1	225000	YES	N/A	N/A
A1119	1.1	15000	YES	N/A	N/A
A1120	1.1	15000	YES	N/A	N/A
A1121	1.1	250000	YES	N/A	N/A
A1122	1.1	250000	YES	N/A	N/A
A1123	1.1	250000	YES	N/A	N/A
A1124	1.1	250000	YES	N/A	N/A
A996A	1.2	20000	YES	N/A	N/A
A996B	1.2	20000	YES	N/A	N/A
A996C	1.2	20000	YES	N/A	N/A
A996C	1.2	20000	YES	N/A	N/A
A996D	1.2	20000	YES	N/A	N/A
A996E	1.2	20000	YES	N/A	N/A
A996F	1.2	20000	YES	N/A	N/A
A996G	1.2	20000	YES	N/A	N/A
A996H	1.2	20000	YES	N/A	N/A
A996I	1.2	20000	YES	N/A	N/A
A965	1.1	8000	YES	N/A	N/A
F3	INERT	N/A	N/A	N/A	N/A

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30c. 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
A1114	INERT	N/A	N/A	N/A	N/A
A1116	INERT	N/A	N/A	N/A	N/A
A1117	1.1	225000	YES	N/A	N/A
A1118	1.1	225000	YES	N/A	N/A
A1119	1.1	15000	YES	N/A	N/A
A1120	1.1	15000	YES	N/A	N/A
A1121	1.1	250000	YES	N/A	N/A
A1122	1.1	250000	YES	N/A	N/A
A1123	1.1	250000	YES	N/A	N/A
A1124	1.1	250000	YES	N/A	N/A

Revised PJ

NAS KEY WEST UIC: 00213

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
F4	INERT	N/A	N/A	N/A	N/A
F5A	INERT	N/A	N/A	N/A	N/A
F5B	INERT	N/A	N/A	N/A	N/A
F6	1.2	15000	YES	N/A	N/A
F7	1.2	15000	YES	N/A	N/A
F8	1.2	15000	YES	N/A	N/A
F9	1.2	15000	YES	N/A	N/A
F10	1.2	15000	YES	N/A	N/A
F12	INERT	N/A	N/A	N/A	N/A
F13	1.2	15000	YES	N/A	N/A
F21	1.1	50000	YES	N/A	N/A
F22	1.2	250000	YES	N/A	N/A
F23	1.2	250000	YES	N/A	N/A
F24	1.1	50000	YES	N/A	N/A
F25	1.2	250000	YES	N/A	N/A
F26	1.2	125000	YES	N/A	N/A
F27	1.1	80000	YES	N/A	N/A
F31	1.1	95000	YES	N/A	N/A
F32	1.2	60000	YES	N/A	N/A
F34	1.2	10000	YES	N/A	N/A
F35	1.2	125000	YES	N/A	N/A
F37	1.2	10000	YES	N/A	N/A
F1329	1.1	95000	YES	N/A	N/A
F1330	1.1	30000	YES	N/A	N/A
F1331	1.2	10000	YES	N/A	N/A

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Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
A996A	1.2	20000	YES	N/A	N/A
A996B	1.2	20000	YES	N/A	N/A
A996C	1.2	20000	YES	N/A	N/A
A996C	1.2	20000	YES	N/A	N/A
A996D	1.2	20000	YES	N/A	N/A
A996E	1.2	20000	YES	N/A	N/A
A996F	1.2	20000	YES	N/A	N/A
A996G	1.2	20000	YES	N/A	N/A
A996H	1.2	20000	YES	N/A	N/A
A996I	1.2	20000	YES	N/A	N/A
A965	1.1	8000	YES	N/A	N/A
F3	INERT	N/A	N/A	N/A	N/A
F4	INERT	N/A	N/A	N/A	N/A
F5A	INERT	N/A	N/A	N/A	N/A
F5B	INERT	N/A	N/A	N/A	N/A
F6	1.2	15000	YES	N/A	N/A
F7	1.2	15000	YES	N/A	N/A
F8	1.2	15000	YES	N/A	N/A
F9	1.2	15000	YES	N/A	N/A
F10	1.2	15000	YES	N/A	N/A
F12	INERT	N/A	N/A	N/A	N/A
F13	1.2	15000	YES	N/A	N/A
F21	1.1	50000	YES	N/A	N/A
F22	1.2	250000	YES	N/A	N/A
F23	1.2	250000	YES	N/A	N/A
F24	1.1	50000	YES	N/A	N/A
F25	1.2	250000	YES	N/A	N/A
F26	1.2	125000	YES	N/A	N/A

30d. 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.

The completion of MILCON Project P-293, construction of combat aircraft loading are, would allow full aircraft weapons support and total utilization of 10 high explosive magazines and 23000 sq. ft. stowage space.

30e. 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)	NO	N/A	N/A
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	CADS/PADS/GUN AMMO SMALL ARM/DEMO PYRO	1954
Technical Support	NO	N/A	N/A

NAS KEY WEST UIC N00213
DATA CALL SIXTEEN

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

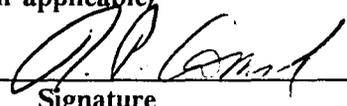
Activity

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

NEXT ECHELON LEVEL (if applicable)

CAPT R. P. CONRAD

NAME (Please type or print)


Signature

Acting

10 JUN 1991

Title Commander

Date

Naval Shore Activities

U.S. Atlantic Fleet

Activity

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

MAJOR CLAIMANT LEVEL

RADM ARCHIE CLEMINS

NAME (Please type or print)


Signature

Acting

10 June 94

Title Commander in Chief

Date

U.S. Atlantic Fleet

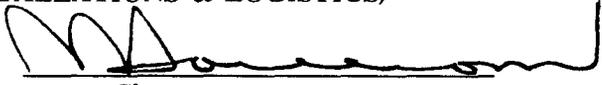
Activity

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)

R. R. SAREERAM

NAME (Please type or print)


Signature

Title

Date

ACTING

28 JUN 1994

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. M. MUNNINGHOFF, CAPT, USN

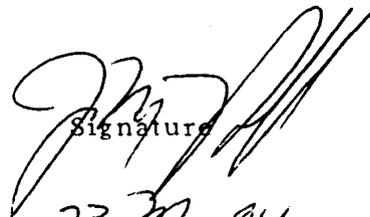
NAME (Please type or print)

COMMANDING OFFICER

Title

NAVAL AIR STATION, KEY WEST, FL

Activity


Signature
23 May 94
Date

NAVAL AIR STATION KEY WEST UIC N00213
DATA CALL SIXTEEN REVISED PGS 80, 81

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)

J. W. CRAINE, JR.

NAME (Please type or print)

Signature

Captain

Title Commander

Naval Shore Activities

U.S. Atlantic Fleet

Date

Activity

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

MAJOR CLAIMANT LEVEL

RADM H. W. GEHMAN, JR.

NAME (Please type or print)

Signature

Acting

Title Commander in Chief

U.S. Atlantic Fleet

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. B. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

Title

Date

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. M. MUNNINGHOFF

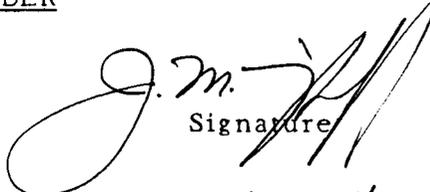
NAME (Please type or print)

COMMANDING OFFICER

Title

NAS KEY WEST, FL

Activity


Signature
10 Aug 94
Date

0003

NAVAL AIR STATION KEY WEST UIC N00213
DATA CALL SIXTEEN REVISED PGS 88 AND 89

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)

J. W. CRAINE, JR.
NAME (Please type or print)

J. W. Craine Jr.
Signature

Captain
Title Commander

8/31/94
Date

Naval Shore Activities
U. S. Atlantic Fleet

Activity

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

MAJOR CLAIMANT LEVEL

H. H. MAUZ, JR.
NAME (Please type or print)

H. H. Mauz Jr.
Signature

Admiral
Title Commander in Chief

9/1/94
Date

U.S. Atlantic Fleet

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

9/12/94
Date

NAS KEY WEST UIC N00213
DATA CALL SIXTEEN REVISED PGS 3, 29, 30, 30A-E

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

W. J. FLANAGAN, JR.

NAME (Please type or print)



Signature

Admiral

01 NOV 1994

Title Commander in Chief

Date

U.S. Atlantic Fleet

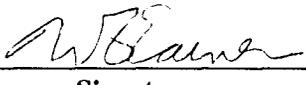
Activity

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)



Signature

Title

11/15/94

Date

3

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

	NAVAL AIR STATION, KEY WEST, FLORIDA
UIC:	00213
Major Claimant:	CINCLANFLT NORFOLK VIRGINIA

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 UIC: 00213
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.

Average Appropriated Fund Civilian Salary Rate:	29,167
--	--------

Source of Data (1.a. Salary Rate): Resource Management Dept. See Below for data.

DATA CALL 65 **UIC: 00213**
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			
MONROE	FL	2154	571	100%	5	10

= 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 UIC: 00213
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:

Monroe County

Source of Data (1.b. 1) & 2) Residence Data): NAS Key West MEO Office.

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)
Miami	Dade	150

Source of Data (1.c. Metro Areas): NAS Key West MEO Office.

DATA CALL 65 UIC: 00213
 ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	22	3.85%
25 - 34 Years	118	20.67%
35 - 44 Years	174	30.47%
45 - 54 Years	172	30.12%
55 - 64 Years	82	14.36%
65 or Older	3	.53%
TOTAL	571	100 %

Source of Data (1.d.) Age Data): Human Resource Office Det Jacksonville, Key West

DATA CALL 65 UIC: 00213
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.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	1	00.2
9th through 11th Grade	19	03.3
12th Grade or High School Equivalency	349	61.2
1-3 Years of College	119	20.8
4 Years of College (Bachelors Degree)	56 ¹	9.8
5 or More Years of College (Graduate Work)	27	4.7
TOTAL	571	100 %

¹ One civilian has attended 4 years of college without obtaining a degree.

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").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	14
Associate Degree	37
Bachelor Degree	57
Masters Degree	17
Doctorate	0

DATA CALL 65 UIC: 00213
 ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Human Resource Office Det Jacksonville, Key West

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
1. Agriculture, Forestry & Fishing	01-09	0	0
2. Construction (includes facility maintenance and repair)	15-17	94	16.5
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	1	.2
3b. Aircraft (includes engines and missiles)	3721 et al	1	.2
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	21	3.6
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0

DATA CALL 65 UIC: 00213
 ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
Sub-Total 3a. through 3e.	20-39	22	4
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	11	1.9
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	0	0
4f. Communications	48	0	0
4g. Utilities	49	33	5.8
Sub-Total 4a. through 4g.	40-49	44	7.7
5. Services	70-89		
5a. Lodging Services	70	10	1.8
5b. Personal Services (includes laundry and funeral services)	72	0	0
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	23	4
5d. Automotive Repair and Services	75	26	4.6
5e. Other Misc. Repair Services	76	4	.7
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	7	1.2
5h. Health Services	80	0	0

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5i. Legal Services	81	0	0
5j. Educational Services	82	23	4
5k. Social Services	83	5	.9
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	41	7.2
5n. Other Misc. Services	89	171	29.9
Sub-Total 5a. through 5n.:	70-89	310	54.3
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	0	0
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	87	15.2
6c. Public Finance	93	8	1.4
6d. Environmental Quality and Housing Programs	95	5	.9
Sub-Total 6a. through 6d.		100	17.5
TOTAL		571	100 %

Source of Data (1.f.) Classification By Industry Data): Human Resource Office Det Jacksonville, Key West

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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. ¹

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
1. Executive, Administrative and Management	44	7.7
2. Professional Specialty		
2a. Engineers	20	3.5
2b. Architects and Surveyors	3	.5
2c. Computer, Mathematical & Operations Research	15	2.6
2d. Life Scientists	0	0
2e. Physical Scientists	3	.5
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	11	2
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	24	4.2
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating (Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0

DATA CALL 65 UIC: 00213
 ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	76	13.3
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	0	0
Sub-Total 3a. and 3b.:	0	0
4. Administrative Support & Clerical	173	30.3
5. Services		
5a. Protective Services (includes guards, firefighters, police)	80	14
5b. Food Preparation & Service	1	.2
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	81	14.2
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	34	6
8. Construction Trades	97	17
9. Production Occupations	5	.9
10. Transportation & Material Moving	30	5.2
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	31	5.4
TOTAL	571	100 %

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.g.) Classification By Occupation Data): HRO Det Jacksonville, Key West

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.
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 servicers 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.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; water transportation occupations.

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

- 11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere). Entry level jobs not requiring significant training.**

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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:	66% (1422)
2. Percentage of Military Spouses Who Work Outside of the Home:	42% (598)
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:	7% (42)
3b. Employed "On-Base" - Non-Appropriated Fund:	2.4% (14)
3c. Employed "Off-Base" - Federal Employment:	0
3d. Employed "Off-Base" - Other Than Federal Employment	90.6% (542)

Source of Data (1.h.) Spouse Employment Data): #1 - Personnel Support Activity, NAS Key West

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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.

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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	A	B	B
Schools - Public ¹	B	C	C
Schools - Private ²	B	C	C
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	A	A	A
Public Transportation - Rail ³	N/A	N/A	N/A
Fire Protection	A	A	A
Police	A	B	B
Health Care Facilities	A	A	B
Utilities:	---	---	---
Water Supply*	B	B	B
Water Distribution*	A	A	A
Energy Supply*	A	A	A
Energy Distribution*	A	A	A
Wastewater Collection*	A	A	A
Wastewater Treatment*	A	A	A
Storm Water Collection*	A	A	A
Solid Waste Collection and Disposal*	A	A	A
Hazardous/Toxic Waste Disposal*	B	B	B
Recreational Activities	B	B	B

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

DATA CALL 65 **UIC: 00213**
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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.

¹ Schools Public - Primary and secondary Public schools are presently near capacity; increase would require additional assets. Demographic shift of area however, indicates average age is shifting upward which will alleviate some primary/secondary over crowding.

² Schools Private - Very few private schools exist in area. Mary Immaculate/Grace Lutheran/Montessori are crowded, especially primary 1-6. Would require modest additional assets to accommodate.

³ There are no railway stations in Monroe County.

Source of Data (2.a. 1) & 2) - Local Community Table):

Off Base Housing - Public Works Housing

Schools - Public/Private

Public Transportation - Public Works Department

Fire Protection - Management Engineering Division, Resource Management Dept.

Police - Management Engineering Division, Resource Management Dept.

Health Care Facilities - Lower Florida Keys Health System (Hospital)

Utilities - Public Works Department

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

DATA CALL 65 **UIC: 00213**
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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.

¹ Schools Public - Primary and secondary Public schools are presently near capacity; an increase would require additional assets. Demographic shift of area however, indicates average age is shifting upward which will alleviate some primary/secondary over crowding.

Source of Data (2.b. 1) & 2) - Regional Table):

Off Base Housing - Public Works Housing

Schools - Public/Private

Public Transportation - Public Works Dept.

Fire Protection - Management Engineering Division, Resource Management

Police - Management Engineering Division, Resource Management

Health Care Facilities - Lower Florida Keys Health System (Hospital)

Utilities - Public Works Dept.

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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:

Rental Units: 4%

Units for Sale: 6%

Source of Data (3.a. Off-Base Housing): Public Works Department, Key West
--

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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	
Monroe	Monroe	9	3	3	8787	10,144	Elem 1/25	Elem 1/24	Yes
							Middle 1/26	Middle 1/30	Yes
							High 1/30	High 1/30	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):
Superintendent of Schools
District School Board, Monroe County

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

Yes.

One (Sigsbee Elementary). Current enrollment is 418.

Source of Data (3.b.2) On-Base Schools):
Superintendent of Schools
District School Board, Monroe County

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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 :

St Leo College - (Undergraduate)
Troy State University - (Graduate)
Florida Keys Community College (FKCC) - (Undergraduate)

**Source of Data (3.b.3) Colleges): Navy Campus, NAS Key West
Florida Community College (FKCC)**

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:

None

Source of Data (3.b.4) Vo-tech Training): NAS Key West MEO Office.

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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): NAS Key West MEO Office.

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.

AMTRAK - Fort Lauderdale, FL - 175 Miles

Source of Data (3.c.2) Transportation): NAS Key West MEO Office.

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.

Key West International Airport, Key West - 3 miles.

Source of Data (3.c.3) Transportation): NAS Key West MEO Office.

4) How many carriers are available at this airport?

American Eagle
COMAIR Delta Connection
U.S. Air Express
Cape Air
Vintage Airways
Gulfstream International

Source of Data (3.c.4) Transportation): Key West International Airport

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway?

Florida Turnpike - 130 miles.
U.S. 1 - 0.2 miles

Source of Data (3.c.5) Transportation): Florida Highway Patrol

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.)

NAS Key West is divided into various non-contiguous annexes. Primary annexes include Boca Chica Field, Truman Annex and Trumbo Point Annex which have two primary access roads and Sigsbee Park Annex which has only one primary access road. Boca Chica has no congestion problem. The other three annexes lie within the City of Key West. Typical rush hour congestion is experienced, however, problems are minimal given the relatively small island municipality of Key West. (4 miles by 2 miles)

b) Do access roads transit residential neighborhoods?

Yes. To access Trumbo Point and Truman Annex, one must transit through residential areas.

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): Public Works Department, NAS Key West

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

- 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.

NAS Key West maintains mutual assistance agreements for fire protection with the city of Key West and Monroe County. Under that agreement, NAS Key West Fire Department provides backup service to Key West/Monroe County firefighters, and first response service to hazardous materials incidents. In return, the city/county provides backup services to the station as well as first response to station emergencies when it is most expedient. Additionally, the station provides an Emergency Oil Spill Response Team, and contracts with Cliff Berry, Inc. for emergency backup to react to federal incidents from Key West to Port Everglades.

Source of Data (3.d. Fire/Hazmat): Operations Department, NAS Key West

- e. **Police Protection.**

- 1) What is the level of legislative jurisdiction held by the installation?

Concurrent jurisdiction since 12 November 1991.

- 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.

Not Applicable.

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

There are separate Memoranda of Agreement (MOA) with the Key West Police Department and the Monroe County Sheriff which provides services to NAS Key West at the request of the Commanding Officer or Security Officer commensurate with availability of civilian agency resources.

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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.

MOA with the Key West Police Department for services at the request of the Commanding Officer commensurate with the availability of resources from the Key West Police Department. Concurrent jurisdiction entitles Key West Police Department to enter NAS Key West properties to exercise legislative jurisdiction and will be assisted by Commanding Officer commensurate with available resources.

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.

A written agreement exists between the Naval Criminal Investigative Service Resident Agency and the Security Department describing the level of investigative jurisdiction each will exercise.

Source of Data (3.e. 1) - 5) - Police): Security Department, NAS Key West

DATA CALL 65 UIC: 00213
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.

Water: Long term agreement with supplier committed to provide 2.4 million gallons per day. Supplier: Florida Keys Aqueduct Authority, Key West, FL

Refuse Disposal: Long term agreement paid on a per ton basis, delivered by Naval Air Station personnel at the disposal site. Provider: City of Key West, FL

Power: Long term agreement with a commitment to provided the Navy with 16 megawatts of peak demand. Supplier: City Electric System, Key West, FL

Sewage: Long term agreement based on flow contribution. Navy originally paid 23% of capital cost of the treatment plant and has that reserve capacity. Supplier: City of Key West.

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 interruptions in water supply.

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.

Yes, experienced electrical power "rolling black outs" as a result of Hurricane Andrew in August of 1992. Operations continued with the use of existing Naval Air Station Key West emergency generators.

Source of Data (3.f. 1) - 3) Utilities): Public Works Department, Key West
--

DATA CALL 65 UIC: 00213
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. Monroe County School Board (Key West only)	Education	840
2. Naval Air Station, Key West	Government	812 614 (Civil Service) 198 NAFI)
3. Lower Fla Keys Health System	Hospital	600
4. Monroe County (includes Sheriffs Office)	County government and Law Enforcement	590
5. Marriott	Tourism	450
6. City of Key West	Local government and City Law Enforcement	380
7. The Pier House and Caribbean Spa	Tourism	255
8. Historic Tours of America	Attractions	237
9. City Electric	Utilities	185
10. Florida Keys Aqueduct Authority	Utilities	150

Source of Data (4. Business Profile): Chamber of Commerce, Key West
--

DATA CALL 65 UIC: 00213
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:** Key West's unique geographic setting and cultural traditions have resulted in its being highly competitive for tourism, retiree, and military investments. They have dominated job growth and real estate development and are expected to do so in the future . This assumes U.S. Military missions and investment strategies will not change in relationship to Key West and that Cuba's type of government and economy will not be radically altered and result in renewed competitiveness with Key West in the near-term future. (From Summary, Pg. 10, Fiscal Impact of Growth Management, Key West Florida, Hammer-Siler-George Associates, Economic and Development Consultants to City of Key West.) Also, decline in ports of embarkation for commercial seafood sources from Statistical Abstract, The Florida Keys and Key West.

b. **Introduction of New Businesses/Technologies:** Steady increase in cruise-ship passengers visiting Key West and related disembarkation and dockage fees from Statistical Abstract, Monroe County, 1991.

c. **Natural Disasters:** Indirect economic losses to City of Key West tourism resulting from Hurricane Andrew and drop-off in visitors in the period following the storm.

d. **Overall Economic Trends:** An estimated 71 percent of jobs located in Key West are attributable to the tourist industry. The attraction of overnight and day visitors drives most of the city's economic activity. Because of its favorable climate, most of this business occurs when the climate in other parts of the country is less favorable, the winter months. The second most important part of the economy is retired residents to whom are attributed nearly 17 percent of the city's jobs. The military has been a relatively stable portion of the economy for many years, currently estimated at over 7 percent of the city's employment. (From Summary report, Hammer-Siler-George Associates.)

Source of Data (5. Other Socio/Econ): See citations above.

DATA CALL 65 UIC: 00213
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Drug Abuse Resistance Education (D.A.R.E.)
Foster Home Care providers (#33% members are Military members)
Florida Keys Youth Club
Girl Scouts of America
Head Start Program
Interpreters for the Hearing Impaired
Junior Varsity Sports Leagues in Baseball, Football, Basketball
Key West Residence of Excellence Program
Little Leagues in T-Ball, Flag Football, Soccer
Literacy Volunteers
Monroe County Police Booster Association
Residents Against Illegal Drugs (R.A.I.D.)
Referees for Junior League Sports
Special Olympic Volunteers
Saturday Scholars
Volunteer Fire Fighters

Many of these organizations use the stations recreational and athletic facilities as part of their programs.

NAS Key West and tenant activities also participate in an adopt a school program, in which service member participate in functions associated with improving student learning, facilities and appearance.

The Seabees frequently volunteer their services to improving community athletic facilities.

Source of Data (6. Other): Public Affairs Office, NAS Key West

NAVAL AIR STATION KEY WEST UIC N00213
DATA CALL SIXTY-FIVE

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)

J. W. CRAINE, JR.
NAME (Please type or print)

J. W. Craine Jr.
Signature

Captain

8/11/94
Date

Title Commander

Naval Shore Activities

U.S. Atlantic Fleet

Activity

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

MAJOR CLAIMANT LEVEL

H. W. GEHMAN, JR.
NAME (Please type or print)

H. W. Gehman Jr.
Signature

Rear Admiral, Acting

15 AUG 1994
Date

Title Commander in Chief

U.S. Atlantic Fleet

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

J. B. Greene Jr.
Signature

22 AUG 1994
Date

Title

Date

data call 65
00213

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.

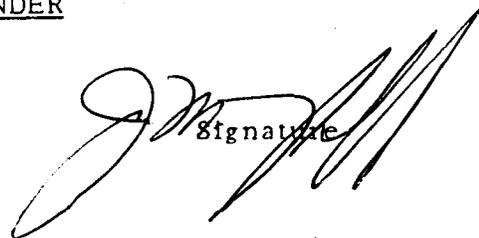
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

J. M. MUNNINGHOFF
NAME (Please type or print)

COMMANDING OFFICER
Title

NAVAL AIR STATION, KEY WEST, FL
Activity


Signature
Date
12 July 94

3

NAS KEY WEST

**ENVIRONMENTAL DATA CALL:
DATA CALL TO BE SUBMITTED TO
ALL NAVY/MARINE CORPS HOST ACTIVITIES**

maps w/ original

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*.

NAS KEY WEST UIC: N00213

Provide a list of the tenant activities with UICs that are covered in this response.

TENANT COMMAND	UIC
23RD MILITARY INTELL (A/F)	FX7020
4700TH OPERATIONS SUPPORT SQDN	FB4865
A CO MILITARY (ARMY)	W81GH5
ANIMAL IMPORT CENTER	00427F
CARIBBEAN REGIONAL OPS CENTER	N64134
DEFENSE COMMISSARY	N49029
DEFENSE INVESTIGATIVE SERVICE	041N1
DEFENSE PRINTING SERVICE	N48927
DEFENSE REUTILIZATION (DRMO)	SYB304
FBIS	NA
FEDERAL AVIATION ADMIN	6942F4
FLEET IMAGING CMD	N41417
FLORIDA AIR NATIONAL GUARD	F86091
HUMAN RESOURCE OFFICE DET KW	N49941
JFK SPECIAL FORCES/ARMY	W36N32
JOINT TASK FORCE FOUR (JTF-4)	N47854
KEY WEST TACTS	N64267
KEYS FEDERAL CREDIT UNION	NA
LOCKHEED SUPPORT SYSTEMS INC	N63408
MCDONALDS	NA
NAVAL AIR WARFARE CENTER	N43724
NAVAL DENTAL CLINIC	N41792
NAVAL INVESTIGATIVE SERVICE	N63051

NAS KEY WEST UIC: N00213

NAVAL MATERIAL TRANS/QUICKTRANS	NA
NAVAL OCEANOGRAPHIC CMD DET	N65773
NAVAL RESEARCH LAB	47228
NAVAL SECURITY GROUP ACTIVITY	N41904
NAVY CAMPUS	N63325
NAVY EXCHANGE	N60666
NAVY LEGAL SERVICE OFFICE DET	N35497
NAVY MEDICAL CLINIC	N00267
NCTANSLANTDET	N63425
PERSONNEL SUPPORT DET	N43337
ROICC	N44222
US INFORMATION AGENCY/MARTI	NA
US POST OFFICE	NA
USCG GROUP KEY WEST	Z36298
VF-101 DET	N47788
VF-45	N09711

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)
Trichechus manatus- West Indian Manatee	Endangered	Federal/ State	1	NA
Sylvilagus palustris hefneri- Lower Keys marsh rabbit	Endangered	Federal/ State	1	200
Haliaeetus leucocephalus- bald eagle	Endangered/ Threatened	Federal/ State	1	NA
Falco peregrinus tundrius- Arctic peregrine falcon	Threatened	Federal	1	NA
Charadrius melodus- Piping plover	Threatened	Federal/ State	1	NA
Vernivora bachmanii- Bachman's warbler	Endangered	Federal/ State	1	NA
Sterna dougalli dougalli- Roseate Tern	Threatened	Federal/ State	1	15
Sterna albifrons- Least tern	Threatened	State	1	15
Columba leucocephala- White-crowned pigeon	Threatened	State	1	100
Kinosternon bauri- Mud turtle	Endangered	State	1	NA
Caretta caretta- Loggerhead sea turtle	Threatened	Federal/ State	1	20

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
Chelonia mydas- Green sea turtle	Endangered	Federal/ State	¹	20
Eretmochelys imbricata- Hawksbill sea turtle	Endangered	Federal/ State	¹	20

Source Citation:

1. USFWS listing for Monroe County
2. Florida Wildlife Code 39
3. Phone conversations with USFWS & FGFWFC
4. NAS Key West Lower Keys marsh rabbit Management Plan

¹The USFWS has not identified any critical/designated habitat.

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.	YES ¹
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.	NO

¹Impact has been relatively minimal; not affecting mission.

Permitting decisions and construction and development siting take into account endangered species habitat locations.

Roofing contracts involving gravel roofs utilized by terns are executed during tern non-nesting season.

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.

Lower Keys marsh rabbit habitat map enclosed.

1d.

<p>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.</p> <p>Habitat:</p> <ol style="list-style-type: none"> 1. Created salt marsh to provide additional rabbit habitat and removed exotics to enhance existing rabbit habitat. 2. Removed exotics/trash from turtle nesting beaches to enhance habitat. 	<p>YES</p>
--	------------

1e.

<p>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.</p>	<p>NO</p>
--	-----------

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.

Does your base possess federal jurisdictional wetlands?	YES
Has a wetlands survey in accordance with established standards been conducted for your base? IAW ACOE 1987 wetlands delineation manual.	YES
When was the survey conducted or when will it be conducted?	5/93 ongoing
What percent of the base has been surveyed?	50% ¹
What is the total acreage of jurisdictional wetlands present on your base?	Approx 2500 acres

Source Citation: Airfield vegetation delineation map-Lewis Environmental Services.

¹Much of the base is within Key West City limits and does not contain wetlands.

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.

Copy of source citation map enclosed.

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? YES. If YES, summarize the results of such modifications or constraints.

Operations and development plans have been enacted subsequent to receipt of mangrove alterations and dredge/fill permits.

3. CULTURAL RESOURCES

3a.

<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>¹Such a survey has been contracted to the Army Corps of Engineers, Mobile, AL. The survey is 65% complete as of 5/94. Expect finalization 8/94. The only site listed so far is the "Battleship Maine Cemetery Site." Sites eligible for listing are Peary Court Cemetery and the Old Commissary on Simonton Street.</p>	<p>YES¹</p>
---	------------------------

3b.

<p>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.</p> <p>Consultation with both groups in 1990 led to design/detail modifications on the Peary Court Housing project. The Peary Court site is adjacent the City Historic District. Compatible modifications included shifting the orientation of housing units and addition of metal roofs.</p>	<p>YES</p>
---	------------

3c.

<p>Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.</p> <p>Native American - No.</p> <p>Other:</p> <ol style="list-style-type: none"> 1. Battleship Maine Memorial Plot located in the Key West Cemetery. 2. Peary Court Cemetery wherein 19th Century Army yellow fever victims were interred. 	<p>YES</p>
--	------------

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.

Does your base have an operating landfill?					NO
ID/Location of Landfill	Permitted Capacity (CYD)		Maximum Capacity (CYD)	Contents ¹	Permit Status
	TOTAL	Remaining			
None					

¹ Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility.

Pursuing permits to operate a construction demolition (C&D) debris landfill. All C&D debris will be placed in the landfill for reutilization (i.e., concrete, backfill, used wood and mulch etc.).

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.
None

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	None	15 tons	None	None	County recycling program assistance.

List any permit violations and projects to correct deficiencies or improve the facility.

Most recyclables are processed through the city & county recycling programs. Aluminum cans are processed in-house due to high dollar return.

4d.

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
Boca Chica Lat. 24° 35' 14" N Log. 81° 41' 46" W Sec. 32 Town 67 S Range 26 E	.400MGD	.328MGD	.400MGD	Expired. TOP application submitted 24 Nov 93	Secondary/ 1964

List permit violations and discuss any projects to correct deficiencies.

Violations listed in State OGC File #93-4300: low residual chlorine levels, excess TSS, excessive inflow/infiltration, and no land application use plan for sludge disposal. Funding has been provided for an inflow/infiltration study and for construction of injection wells for effluent to eliminate the ocean outfall. An engineering study and upgrade for the plant are required.

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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.

LOCATIONS	AVERAGE DAILY FLOW (GAL/DAY)
TRUMBO POINT	235,000
TRUMAN ANNEX	120,000
POINCIANA PLAZA	91,000
SIGSBEE PARK	471,000
MEDICAL CLINIC	17,000
WHITE STREET TRAILER PARK	5,000

YES, in compliance with City permit. Discharge limit to local sewer authority is 2.3 MGD.

R

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
None					

List any permit violations and projects to correct deficiencies or improve the facility.

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.

LOCATIONS	AVERAGE DAILY FLOW (GAL/DAY)
TRUMBO POINT	235,000
TRUMAN ANNEX	120,000
POINCIANA PLAZA	91,000
SIGSBEE PARK	471,000
MEDICAL CLINIC	17,000
WHITE STREET TRAILER PARK	5,000

YES, in compliance with City permit.

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
None					

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.

None

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			
None					

List permit violations and projects/actions to correct deficiencies or improve the facility. None

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.

All potable water is provided via the Florida Keys Aqueduct Authority (FKAA) which pipes the water 150 miles from the water plant in Florida City, pumping from the Biscayne aquifer. The Navy has 2.4 million gallons per day reservation of capacity in the WTP and transmission lines. Current usage is 1 million gallons per day.

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.	YES
If NO, why not and provide explanation of plan to achieve permitted status.	

NPDES permit for discharge from berms at Boca Chica fuel farm. (< 50 ppm oil and grease.)

4l.

Does your base have bilge water discharge problem?	NO
Do you have a bilge water treatment facility?	NO ¹

¹Currently bilge water is treated in oil/water separator systems.

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.

FACILITY	ADDITIONAL CAPACITY AVAILABLE
WATER	100% NAS Key West can double water consumption.
WASTEWATER	100% NAS Key West can double the sewage flow.
ELECTRICITY	20% NAS Key West can increase electric demand by 20%.

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain. No. Significant additional capacity is available on all environmental facilities.

5. AIR POLLUTION

5a.

<p>What is the name of the Air Quality Control Areas (AQCAs) in which the base is located?</p> <p>None</p>
<p>Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? No.</p> <p>List site, location and name of AQCA. None</p>

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: NAS KEY WEST, FL

AQCA: None

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year ¹	Comments ²
CO	x				
Ozone	x				
PM-10	x				
SO ₂	x				
NO ₂	x				
Pb	x				

¹Based on national standard for Non-Attainment areas or SIP for Maintenance areas.

²Indicate 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, NOx, VOC, PM10 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.

Survey was done in FY94. Calculations are in survey due Aug 94. There are no major sources of air pollution. Emergency generators and a few boilers are the extent of sources.

Emission Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	None	24.17	634.32	14.96	673.45
NOx	None	2.97	128.97	1.84	133.78
VOC	None	2.18	707.04	1.35	710.57
PM10	None	0	188.55	0	188.55

Source Document: AP42 Vol II

Personal Automobiles - 1990

average commute (roundtrip) = 8 miles
 number of private vehicles on base = 1561
 average work yr = 240 day/yr

Assumptions

average age of vehicles = 4 yrs
 average odometer reading = 50,000 mi

From Table 1.1.1.b AP42 Vol II

Emission Factors

CO: 7.321 g/mi
 NOx: 0.900 g/mi
 HC(VOC): 0.659 g/mi

CO: (1561 veh) (8 mi) (240 day) (7.32 g) (1 ton) (1 lb) = 24.17 ton/yr
 (day-veh) (yr) (mi) (2000 lb) (454 g)
 NOx: (1561 veh) (8 mi) (240 day) (0.900 g) (1 ton) (1 lb) = 2.97 ton/yr
 (day-veh) (yr) (mi) (2000 lb) (454 g)
 VOC: (1561 veh) (8 mi) (240 day) (0.659 g) (1 ton) (1 lb) = 2.18 ton/yr
 (day-veh) (yr) (mi) (2000 lb) (454 g)

Government Vehicles

Other consists of gov vehicles and yellow gear
 mileage/yr of gov vehicles = 1,855,000 mi
 # of government vehicles = 523

Assumptions

average age of vehicles = 4 yrs
 average odometer reading = 50,000 mi

CO: (1,855,00 mi) (7.321 g) (1 ton) (1 lb) = 14.96 ton/yr
 (yr) (mi) (2000 lb) (454 g)
 NOx: (1,855,00 mi) (0.900 g) (1 ton) (1 lb) = 1.84 ton/yr
 (yr) (mi) (2000 lb) (454 g)
 VOC: (1,855,00 mi) (0.659 g) (1 ton) (1 lb) = 1.35 ton/yr
 (yr) (mi) (2000 lb) (454 g)

Aircraft

aircraft stationed at base = 55
 # total flight operations (LTO) = 18000 LTO/yr
 From Table II - 1-10 of AP-42 Vol II
 (since # of individual aircraft types not known used the following
 average emission factor calculated

CO: 70.48 lb/LTO
 NOx: 14.33 lb/LTO
 VOC: 78.56 lb/LTO
 PM10: 20.95 lb/LTO

CO: $(18,000 \text{ LTO}) \frac{(70.48 \text{ lb})}{(\text{LTO})} \frac{(1 \text{ ton})}{(2000 \text{ lb})} = 634.32 \text{ ton/yr}$
 NOx: $(18,000 \text{ LTO}) \frac{(14.33 \text{ lb})}{(\text{LTO})} \frac{(1 \text{ ton})}{(2000 \text{ lb})} = 128.97 \text{ ton/yr}$
 VOC: $(18,000 \text{ LTO}) \frac{(78.56 \text{ lb})}{(\text{LTO})} \frac{(1 \text{ ton})}{(2000 \text{ lb})} = 707.04 \text{ ton/yr}$
 PM10: $(18,000 \text{ LTO}) \frac{(20.95 \text{ lb})}{(\text{LTO})} \frac{(1 \text{ ton})}{(2000 \text{ lb})} = 188.55 \text{ ton/yr}$

5d. For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NOx, VOC, PM10 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	None	46.02	493.36	10.10	549.48
NOx	None	5.63	100.31	1.24	107.18
VOC	None	4.11	549.92	0.90	554.93
PM10	None	0	146.65	0	146.65

Source Document: AP42 Vol II

Personal Automobiles

average roundtrip commute = 8 mi
 # of personal automobiles = 2977
 average work yr = 240 day/yr

Assumptions

average age of vehicle = 4 yrs
 average odometer reading = 50,000 mi

From Table 1.1.1.b. AP-42 Vol II

Emission Factors

CO: 7.31 g/mi
 NOx: 0.895 g/mi
 VOC: 0.653 g/mi

$$\begin{aligned} \text{CO: } & (2977 \text{ veh}) \left(\frac{8 \text{ mi}}{\text{day-veh}} \right) \left(\frac{240 \text{ day}}{\text{yr}} \right) \left(\frac{7.31 \text{ g}}{\text{mi}} \right) \left(\frac{1 \text{ ton}}{2000 \text{ lb}} \right) \left(\frac{1 \text{ lb}}{454 \text{ g}} \right) = 46.02 \text{ ton} \\ \text{NOx: } & (2977 \text{ veh}) \left(\frac{8 \text{ mi}}{\text{day-veh}} \right) \left(\frac{240 \text{ day}}{\text{yr}} \right) \left(\frac{0.895 \text{ g}}{\text{mi}} \right) \left(\frac{1 \text{ ton}}{2000 \text{ lb}} \right) \left(\frac{1 \text{ lb}}{454 \text{ g}} \right) = 5.63 \text{ ton} \\ \text{VOC: } & (2977 \text{ veh}) \left(\frac{8 \text{ mi}}{\text{day-veh}} \right) \left(\frac{240 \text{ day}}{\text{yr}} \right) \left(\frac{0.653 \text{ g}}{\text{mi}} \right) \left(\frac{1 \text{ ton}}{2000 \text{ lb}} \right) \left(\frac{1 \text{ lb}}{454 \text{ g}} \right) = 4.11 \text{ ton} \end{aligned}$$

Other Mobile

includes yellow gear & gov vehicles
 # gov vehicles = 512
 mileage/yr of gov vehicles = 1,255,000 mi

Assumptions

average age of vehicle = 4 yrs
 average odometer reading = 50,000 mi

$$\begin{aligned} \text{CO: } & (1,255,000 \text{ mi}) \left(\frac{7.31 \text{ g}}{\text{mi}} \right) \left(\frac{1 \text{ ton}}{2000 \text{ lb}} \right) \left(\frac{1 \text{ lb}}{454 \text{ g}} \right) = 10.10 \text{ ton} \\ \text{NOx: } & (1,255,000 \text{ mi}) \left(\frac{0.895 \text{ g}}{\text{mi}} \right) \left(\frac{1 \text{ ton}}{2000 \text{ lb}} \right) \left(\frac{1 \text{ lb}}{454 \text{ g}} \right) = 1.24 \text{ ton} \\ \text{VOC: } & (1,255,000 \text{ mi}) \left(\frac{0.653 \text{ g}}{\text{mi}} \right) \left(\frac{1 \text{ ton}}{2000 \text{ lb}} \right) \left(\frac{1 \text{ lb}}{454 \text{ g}} \right) = 0.90 \text{ ton} \end{aligned}$$

Aircraft

aircraft stationed at base = 38
 # total flight operations (LTO) = 14,000*
 *flight ops estimate based on sorties flown VAQ-33 flight ops not available. Squadron decommissioned Oct 93.

From Table I-1-10 of AP-42 Vol II
average emission factors were calculated.

Emission Factors

CO: 70.48 lb/LTO
NOx: 14.33 lb/LTO
VOC: 78.56 lb/LTO
PM10: 20.95 lb/LTO

$$\begin{aligned} \text{CO: } & \frac{(14000 \text{ LTO})}{(\text{ yr})} \frac{(70.48 \text{ lb})}{(\text{ LTO})} \frac{(1 \text{ ton})}{(2000 \text{ lb})} = 493.36 \text{ ton/yr} \\ \text{NOx: } & \frac{(14000 \text{ LTO})}{(\text{ yr})} \frac{(14.33 \text{ lb})}{(\text{ LTO})} \frac{(1 \text{ ton})}{(2000 \text{ lb})} = 100.31 \text{ ton/yr} \\ \text{VOC: } & \frac{(14000 \text{ LTO})}{(\text{ yr})} \frac{(78.56 \text{ lb})}{(\text{ LTO})} \frac{(1 \text{ ton})}{(2000 \text{ lb})} = 549.92 \text{ ton/yr} \\ \text{PM10: } & \frac{(14000 \text{ LTO})}{(\text{ yr})} \frac{(20.95 \text{ lb})}{(\text{ LTO})} \frac{(1 \text{ ton})}{(2000 \text{ lb})} = 146.65 \text{ ton/yr} \end{aligned}$$

5e. Provide estimated increases/decreases in air emissions (Tons/Year of CO, NOx, VOC, 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.

No anticipated changes.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base? No.

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.

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.

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. For the last two columns provide the combined total for those two FY's.

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	YES	\$60	\$60	\$20	\$20	\$10	\$10
Hazardous Waste	YES	\$50	\$50	\$30	\$30	\$30	\$30
Safe Drinking Water Act	N/A ¹	\$50	\$100	\$500	\$300	\$50	\$50
PCBs	YES	\$150	\$100	0	0	0	
Other (non-PCB) Toxic Substance Control Act (Lead)	YES	\$60	\$200	\$200	\$100	\$100	\$100
Radon	YES	\$0	0	0	0	0	0
Clean Water Act	N/A ²	\$100	\$300	\$2000	\$50	\$50	\$50
Solid Waste	YES	\$50	\$25	\$15	\$10	\$10	\$5
Oil Pollution Act	N/A ³	\$25	\$75	\$100	\$75	\$25	\$25
USTs	YES	\$350	\$350	\$300	\$250	\$10	\$10
Other UST study/rem	YES	\$850	\$900	\$900	\$600	\$300	\$300
Total		\$1745	\$2360	\$4365	\$1785	\$785	\$680

¹Blackflow prevention device survey scheduled for FY 95.

²Engineering survey conducted by SOUTHNAVFACENGCOM to be scheduled. Additional survey of WWTP to be conducted by our A/E in FY 95.

³No outstanding surveys required at this time.

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Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.

Compliance Projects:

PROJECT	COST \$K	IN PROGRESS	REQUIRED	EST START DATE	EST COMP DATE
FUEL CONTAMINATED SOIL SURVEY	\$1800	X		'93	'98
UST REMOVALS	\$850	X		'93	'98
UST REMEDIAL ACTION DESIGN	\$130/YR		X	'95	'97
UST REMEDIAL ACTION	\$2000 /YR		X	'95	2005
INFLOW/INFILTRATION STUDY	\$120		X	'94	'96
DESIGN/INSTALL INJECTION WELLS	\$200		X	'95	'95
UPGRADE WWTP	\$2000		X	'95	'99
LEAD/CU PAINT PIPE SURVEY	\$200		X	'95	'96
DESIGN/CONSTRUCT IMPERVIOUS BERMS	\$550		X	'94	'99
UPDATE/CERTIFY OHS PLAN	\$50		X	'94	'95
UPDATE/CERTIFY SPCC PLAN	\$20		x	'94	'95

6b.

Does your base have structures containing asbestos? YES. What % of your base has been surveyed for asbestos? 100% (Friable asbestos only using non-destructive testing.) Are additional surveys planned? YES, on a case by case basis for friable/non-friable asbestos. What is the estimated cost to remediate asbestos? \$7.4 million. Are asbestos remediation costs based on encapsulation, removal or a combination of both? BOTH. **Claimant policy is to consider funding only remediation of asbestos that is friable, damaged and accessible and to remediate by management in place other than by removal.**

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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								
HA	None	None	None	None	None	None	None	None
PA ¹	300	500	4417	5492	4500	3500	1000	750
Other O&MN (specify)	SEE BELO W							
OTHER O&MN, Hazardous Waste	222	393	300	2965	260	260	260	260
Natural Resources	150	220	184	211	161	171	171	171
PCB	389	137	180	40	0	0	0	0
Oil Spill Response	11	10	35	25	25	25	25	25
Asbestos	3	10	30	50	50	40	40	40
Tank Management	24	25	26	60	20	10	10	10
Clean Water Act	5	8	349	20	10	10	10	10
Training	21	8	20	10	10	10	10	10
Misc	21	0	0	0	0	0	0	0
Lead	0	0	10	100	200	200	200	200
Clean Air Act	0	0	1	12	48	47	47	47
Control Total	846	811	1135	793	784	773	773	773

Funding Source	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
O&MN								
Labor	227	364	432	450	459	470	470	470
Sub Total Other O&MN	1073	1175	1567	1243	1243	1243	1243	1243
Grand Total	1146	1311	5552	6285	5284	4273	1773	1523

This information has been provided although PA funds are for non-recurring costs.

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. Yes.

Patricia Target-

The target is not closed, but use as a target for air to ground ordnance delivery has been suspended until a proposed biological survey is completed. The Air Force and the Navy use the target for practice. The Air Force is the primary user of the target, but the Navy is responsible for scheduling range use. Currently, no suitable alternative for Patricia Target exists within the southwestern Florida area. The biological survey is funded and NAS Key West has initiated a contract with an A/E firm to complete the survey.

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.

see next page.

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² / Comments
SWMU #1 BOCA CHICA DISPOSAL AREA	RCRA	YES	NO	NO	\$5M/10 YRS	RI-FURTHER STUDY REQUIRED. POSSIBLE EVENTUAL CLEANUP
SWMU #2 BOCA CHICA DDT SITE	RCRA	YES	NO	NO	\$2M/10 YRS	RI-INTERIM REMEDIAL ACTION (IRA) ³ RESAMPLE
SWMU #3 FIREFIGHTER TRAINING AREA	RCRA	YES	NO	NO	\$1M/4 YRS	RI-PERFORM IRA ³ RESAMPLE AFTER IRA & ASSESS
SWMU #5 BLDG A-990 (SAND BLAST SITE)	RCRA	NO	NO	NO	\$1M/4 YRS	RI-IRA ³ RESAMPLE
SWMU #7 BLDG A-824	RCRA	NO	NO	NO	\$4M/6 YRS	SI-ADDITIONAL STUDIES EXPANDED SCOPE
IR #1 TRUMAN ANNEX DISPOSAL AREA	CERCLA	YES	NO	NO	\$5M/10 YEARS	RI-SOIL BORINGS & MONITORING WELLS BUILD SEAWALL
IR #3 TRUMAN ANNEX DDT SITE	CERCLA	YES	UNKNOW N (PROBAB LE)	NO	\$2M/10 YRS	RI-IRA ³ RESAMPLE
IR #7 FLEMING KEY NORTH LANDFILL	CERCLA	YES	NO	NO	\$2M/5 YRS	RI-ADDITIONAL MONITORING, REGRADE
IR #8 FLEMING KEY SOUTH LANDFILL	CERCLA	YES	NO	NO	\$5M/10 YRS	RI-PERFORM IRA ³ CONDUCT RISK ASSESSMENT
ACOA-A DEMOLITION KEY	CERCLA	YES	NO	NO	\$1M/4 YRS	SI-ADDITIONAL STUDY NEEDED TO DEFINE PROBLEM

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² / Comments
ACO-B BIG COPPITT CIVILIAN DISPOSAL AREA	CERCLA	YES	NO	NO	\$1M/4 YRS	SI-ADDITIONAL STUDY REQUIRED
SWMU #4 BLDG A-980	RCRA	NO	NO	NO	\$.5M/3 YRS	RI-ADDITIONAL STUDY REQUIRED

¹Type site: CERCLA, RCRA corrective action (CA), UST or other³ (explain)

²Status = PA, SI, RI, RD, RA, long term monitoring, etc.

³Additional costs required after IRA to reach ROD.

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?	YES

State scope and expected length of pump and treat operation.

Anticipate pump and treat operations at up to 8 sites and lasting 10 years.

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES
1. Self Environmental Compliance Evaluations (ECE) annually.	
2. Major Claimant ECE 1991 and 1994	
3. EPA multimedia inspection 1991	
4. Florida Department of Environmental Protection inspections annually.	

7f. Does your base operate any conforming storage facilities for handling hazardous materials? If YES, describe facility, capacity, restrictions, and permit conditions.

No, hazardous materials conformed storage available - utilize a re-use storage of materials, no restrictions or permits required.

7g. Does your base operate any conforming storage facilities for handling hazardous waste? If YES, describe facility, capacity, restrictions, and permit conditions.

Yes, maximum storage capacity of 22,000 gallons, in a RCRA Part B permitted facility with six individual storage bays.

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.

1. YES. MWR/Navy Exchange operates service stations.
 - a. Navy exchange gas station on Boca Chica is scheduled for tank removals and contamination assessment in FY94.
 - b. MWR operated Sigsbee Marina fuel dock is currently closed due to monitoring well vapor detection. Tightness testing scheduled for May '94. Tank repair or replacement, contamination assessment, and cleanup may follow if leak exists.
 - c. The currently operating Navy Exchange gas station in Sigsbee Park is in compliance.

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?

Yes, plans for a construction and demolition (C&D) landfill have been delayed pending clean up of an IR site.

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions.

There are no hazardous waste treatment or disposal facilities.

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 ¹	Location
BOCA CHICA FIELD	4,669	BOCA CHICA KEY
TRUMAN ANNEX	150	KEY WEST
TRUMBO POINT ANNEX	125(115)	KEY WEST
SIGSBEE PARK ANNEX	352	KEY WEST
FLEMING KEY	256	FLEMING KEY
DEMOLITION KEY	24	DEMOLITION KEY
WHITE STREET TRAILER PARK	1.9 ²	KEY WEST
PEARY COURT HOUSING	28	KEY WEST
POINCIANA PLAZA	36(0)	KEY WEST
HAWK MISSILE SITES	142.81 (98.81)	KEY WEST, BOCA CHICA, GEIGER KEY
OLD COMMISSARY	1.82(0)	KEY WEST

¹Parenthesis indicate new lowered totals after pending excess actions are completed.

²Total planned for land exchange to obtain AICUZ property.

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8b. Provide the acreage of the land use categories listed in the table below:

LAND USE CATEGORY		ACRES	
Total Developed: (administration, operational, housing, recreational, training, etc.)		1,177 acres	
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 2,639 acres	
		All Others: Endangered Species: 200 acres	
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		375 acres	
Total Undeveloped land considered to be without development constraints		159 acres	
Total Off-base lands held for easements/lease for specific purposes		105 acres	
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	375 AC	162 AC BOCA FLEMING CHICA KEY
	HERF	5 AC	
	HERP	5 AC	
	HERO	20 AC	
	AICUZ	4,669 AC	
	Airfield Safety Criteria	1300 AC	
	Other		

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8b. Provide the acreage of the land use categories listed in the table below:

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		This information is provided in NAS Key West data call #16 question 29a.
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: This information is provided in NAS Key West data call #16 question 29a.
		All Others: This information is provided in NAS Key West data call #16 question 29a.
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		This information is provided in NAS Key West data call #16 question 29a.
Total Undeveloped land considered to be without development constraints		This information is provided in NAS Key West data call #16 question 29a.
Total Off-base lands held for easements/lease for specific purposes		This information is provided in NAS Key West data call #16 question 29a.
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	375 AC 162 AC BOCA FLEMING CHICA KEY
	HERF	5 AC
	HERP	5 AC
	HERO	20 AC
	AICUZ	4,669 AC
	Airfield Safety Criteria	1300 AC
	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. This information is provided in NAS Key West data call #16 question 29a.

8d. What is the date of your last AICUZ update? SEE BELOW. Are any waivers of airfield safety criteria in effect on your base? YES. Summarize the conditions of the waivers below.

1981 - AICUZ was updated as part of the 1981 master plan.

1992 - SOUTHNAVFACENCOM started a new AICUZ study but has not finished.

NAS Key West ltr of 12/2/92 requested SOUTHDIV update the waiver list as part of AICUZ update; updates never completed.

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.

Acreage/Location/ID ¹	Zones 2 or 3	Land Use	Compatible/ Incompatible
20 acres - Rockland Key, Geiger Key, Shark Key, Big Coppitt Key	2	single residential (11.11)	compatible
20 acres - Big Coppitt Key	2	contract construction services (66)	compatible
¹ NAS Key West owns the vast majority of its AICUZ and, as such, the majority of the 4,669 acres AICUZ (i.e., 4,629 acres) is not relevant to this question.			

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.

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)
None					

8g. Summarize planned projects through FY 1997 requiring new channel or berthing area dredged depths, include location, volume and depth.

None.

8h.

<p>Are there available designated dredge disposal areas for maintenance dredging material? List location, remaining capacity, and future limitations.</p>	<p>YES. SIGSBEE PARK, FLEMING KEY, BOCA CHICA</p>
<p>Are there available designated dredge disposal areas for new dredge material? List location, remaining capacity, and future limitations.</p>	<p>YES. SAME AS ABOVE</p>
<p>Are the dredged materials considered contaminated? List known contaminants.</p>	<p>NO</p>

8.i. List any requirements or constraints resulting from consistency with **State Coastal Zone Management Plans**.

None.

8j. Describe any **non-point source pollution problems affecting water quality** ,e.g.: coastal erosion.

Coastal erosion, apron run-off

8k.

<p>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.</p>	<p>N/A</p>
--	------------

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. N/A

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?

Marine Sanctuary -

The Florida Keys National Marine Sanctuary was created in 1990. The management rules are still under development. Naval Air Station Key West personnel have had input into the regulations to ensure continued mission capabilities within sanctuary boundaries. It is not anticipated that the sanctuary will significantly impact mission capabilities.

9b. Are there any other environmental permits required for base operations, include any relating to industrial operations.

Non-point source NPDES permit for stormwater runoff. Currently, no industrial operation requiring additional permits.

9c. Describe any other environmental or encroachment restrictions on base property not covered in the previous 8 sections.

No.

9d. List any future/proposed laws/regulations or any proposed laws/regulations which will constrain base operations or development plans in any way. Explain.

Future legislation establishing lead abatement requirements will impact renovation projects. The costs associated with lead abatement requirements will increase future construction costs but not ultimately affect the mission.

NAS KEY WEST UIC N00213
DATA CALL THIRTY-THREE

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)

K. F. DELANEY

NAME (Please type or print)

K. F. Delaney
Signature

Rear Admiral

Title Commander

Naval Shore Activities

U.S. Atlantic Fleet

29 JUN 1994
Date

Activity

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

MAJOR CLAIMANT LEVEL

RADM ARCHIE CLEMINS

NAME (Please type or print)

Archie Clemins
Signature

Acting

Title Commander in Chief

U.S. Atlantic Fleet

29 June 1994
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. B. GREENE, JR.

NAME (Please type or print)

J. B. Greene, Jr.
Signature

ACTING

06 JUL 1994
Date

Title

Date

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. M. MUNNINGHOFF, CAPT, USN

NAME (Please type or print)
COMMANDING OFFICER

Title

NAVAL AIR STATION, KEY WEST

Activity


Signature

Date 20 May 94

NAS KEY WEST UIC N00213
DATA CALL THIRTY-THREE REVISED PGS 12, 33

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

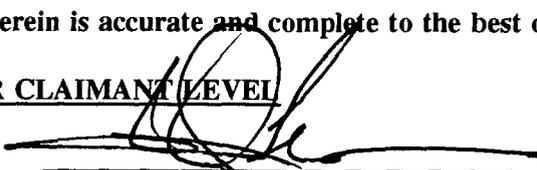
Activity

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

MAJOR CLAIMANT LEVEL

W. J. FLANAGAN, JR.

NAME (Please type or print)



Signature

Admiral

01 NOV 1994

Title Commander in Chief

Date

U.S. Atlantic Fleet

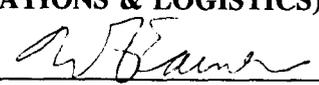
Activity

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)



Signature

Title

11/15/94

Date

DATA CALL 66
INSTALLATION RESOURCES

UIC: 00213

Activity Information:

Activity Name:	Naval Air Station, Key West, Florida
UIC:	00213
Host Activity Name (if response is for a tenant activity):	NA; Host Activity
Host Activity UIC:	NA; Host Activity

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

UIC: 00213

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Naval Air Station, Key West		UIC: 00213	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	3,977	4,519	8,496
1b. Minor Construction	267	0	267
1c. Sub-total 1a. and 1b.	4,244	4,519	8,763
2. Other Base Operating Support Costs:			
2a. Utilities	3,337	381	3,718
2b. Transportation	230	692	922
2c. Environmental	7,498	459	7,957
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	365	1,382	1,747
2f. Bachelor Quarters	3,079	1,364	4,443
2g. Child Care Centers	120	641	761
2h. Family Service Centers	617	122	739
2i. Administration	247	1,621	1,868
2j. Other (Specify) ¹	1,282	19,576	20,858
2k. Sub-total 2a. through 2j:	16,775	26,238	43,013
3. Grand Total (sum of 1c. and 2k.):	21,019	30,757	51,776

¹ Retail Supply
Physical Security
Air Operations
Resource Management Department
Chaplain

Public Works - Other Support
CAAC
Weapons
Communications

DATA CALL 66
INSTALLATION RESOURCES

UIC: 00213

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>
O&MN	\$35,916
MPN	\$15,860

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**

UIC: 00213

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: N/A Not a DBOF activity.		UIC: 00213	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (> \$15K)			
1b. Real Property Maintenance (< \$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
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:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :			

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 00213

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.

Table 2 - Services/Supplies Cost Data	
Activity Name: Naval Air Station, Key West	UIC: 00213
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	186
Material and Supplies (including equipment):	9,400
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	60
Other Purchases (Contract support, etc.):	11,373
Total:	21,019

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 00213

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.

Table 3 - Contract Workyears	
Activity Name: Naval Air Station, Key West	UIC: 00213
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	6
Facilities Support:	11
Mission Support:	104
Procurement:	0
Other:*	0
Total Workyears:	121

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

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 00213

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)):

56

2) Estimated number of workyears which would be eliminated:

65

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):

0

NOTE: Additional data required from receiving site to make a logical assumption. Estimated number of contract workyears included in this section not based on any factual data.

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 00213

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.**

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
None	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
None	

data Call 66

00213

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."

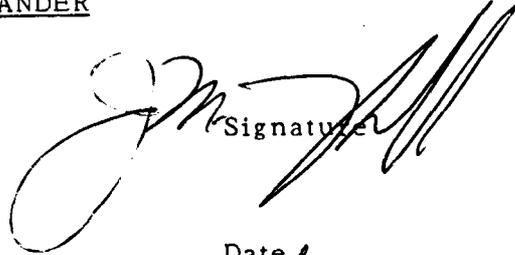
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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. M. MUNNINGHOFF
NAME (Please type or print)


Signature

COMMANDING OFFICER
Title

Date
12 July 94

NAVAL AIR STATION, KEY WEST FL
Activity

NAVAL AIR STATION KEY WEST UIC N00213
DATA CALL SIXTY-SIX

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)

J. W. CRAINE, JR.

NAME (Please type or print)

J. W. Craine, Jr.
Signature

Captain

Title Commander

Naval Shore Activities

U.S. Atlantic Fleet

8/11/94
Date

Activity

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

MAJOR CLAIMANT LEVEL

H. W. GEHMAN, JR.

NAME (Please type or print)

H. W. Gehman Jr.
Signature

Rear Admiral, Acting

Title Commander in Chief

U.S. Atlantic Fleet

15 AUG 1994

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. B. GREENE, JR.

NAME (Please type or print)

ACTING

Title

J. B. Greene Jr.
Signature

22 AUG 1994

Date

3

DATA CALL 66
INSTALLATION RESOURCES

UIC: 49941

Activity Information:

Activity Name:	Human Resources Office Jacksonville, Key West Satellite
UIC:	49941
Host Activity Name (if response is for a tenant activity):	Naval Air Station Key West, FL
Host Activity UIC:	00213

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

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 49941

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Human Resources Office Jacksonville, Key West Satellite			UIC: 49941
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	11	272	283
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:	11	272	283
3. Grand Total (sum of 1c. and 2k.):	11	272	283

DATA CALL 66
INSTALLATION RESOURCES

UIC: 49941

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>
----------------------	-----------------------

NA; all O&MN appropriation

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

UIC: 49941

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NA; Not a DBOF Activity		UIC: 49941	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
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.			
2. Other Base Operating Support Costs:			
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:			
3. Depreciation			
4. Grand Total (sum of 1e., 2m., and 3.) :			

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 49941

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.

Table 2 - Services/Supplies Cost Data	
Activity Name: Human Resources Office Jacksonville, Key West Satellite	UIC: 49941
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	4
Material and Supplies (including equipment):	7
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.):	0
Total:	11

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 49941

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.

Table 3 - Contract Workyears	
Activity Name: Human Resources Office Jacksonville, Key West Satellite	UIC: 49941
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	0

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

DATA CALL 66
INSTALLATION RESOURCES

UIC: 49941

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)):

NA; no contract workyears

2) Estimated number of workyears which would be eliminated:

NA; no contract workyears

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):

NA; no contract workyears

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 49941

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.

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
None	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
None	

HRO JACKSONVILLE UIC N49941
DATA CALL SIXTY-SIX

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

RADM H. W. GEHMAN, JR.

NAME (Please type or print)

H. W. Gehman, Jr.
Signature

Acting

Title Commander in Chief
U.S. Atlantic Fleet

15 AUG 1984
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)

W. A. EARNER

NAME (Please type or print)

W. A. Earner
Signature

Title

8/30/84
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

ACTIVITY COMMANDER

Stephen K. Gregg
NAME (Please type of print)

Director
Title

Human Resources Office-Jacksonville
Activity

SK Gregg
Signature

8/2/94
Date

DATA CALL 66
INSTALLATION RESOURCES

UIC: 43337

Activity Information:

Activity Name:	PERSUPPET Key West
UIC:	43337
Host Activity Name (if response is for a tenant activity):	Naval Air Station, Key West
Host Activity UIC:	00213

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

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 43337

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: PERSUPPDET Key West			UIC: 43337
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	93	867	960
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:	93	867	960
3. Grand Total (sum of 1c. and 2k.):	93	867	960

DATA CALL 66
INSTALLATION RESOURCES

UIC: 43337

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>
O&MN	282
MPN	678

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**

UIC: 43337

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: N/A; not a DBOF Activity		UIC: 43337	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (> \$15K)			
1b. Real Property Maintenance (< \$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
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:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :			

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 43337

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.

Table 2 - Services/Supplies Cost Data	
Activity Name: PERSUPPDET Key West	UIC: 43337
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	2
Material and Supplies (including equipment):	73
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	18
Total:	93

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 43337

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.

Table 3 - Contract Workyears	
Activity Name: PERSUPPDET Key West	UIC: 43337
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	0

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

DATA CALL 66
INSTALLATION RESOURCES

UIC: 43337

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; no contract workyears

2) Estimated number of workyears which would be eliminated:

N/A; no contract workyears

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; no contract workyears

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 43337

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.

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
None	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
None	

PSA JACKSONVILLE UIC N68585
DATA CALL SIXTY-SIX

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

RADM H. W. GEHMAN, JR.

NAME (Please type or print)

H.W. Gehman Jr.
Signature

15 AUG 1994

Acting

Title Commander in Chief

U.S. Atlantic Fleet

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)

W.A. EARNER

NAME (Please type or print)

W.A. Earner

Signature

7/1/94

Title

Date

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

D. V. VAN SAUN
NAME (Please type or print)

Doris V Van Saun
Signature

Commanding Officer, Acting
Title

8/2/94
Date

Personnel Support Activity, Jacksonville
Activity

Document Separator

DATA CALL 63 FAMILY HOUSING DATA 3

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

Installation Name:	NAS Key West
Unit Identification Code (UIC):	N00213
Major Claimant:	CINCLANTFLT

Percentage Of Military Families Living on-Base:	78.2
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
Fy 1996 Family Housing Budget (\$000):	\$ 1290
Total Number of Officer Housing Units:	22
Total Number of Enlisted Housing Units:	179

NOTE: Closure of this UIC may not result in closure of all housing units.

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.

Document Separator

**DATA CALL 64
CONSTRUCTION COST AVOIDANCES**

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:		KEY WEST FL NAS		
Unit Identification Code (UIC):		N00213	#3	
Major Claimant:		LANTFLT		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
1997	559	GYMNASIUM	MCON	2,000
		Sub-Total - 1997		2,000
1998	604	CHILD DEVELOPMENT CENTER	MCON	3,450
		Sub-Total - 1998		3,450
1999	631	POTABLE WATER STORAGE DIST	MCON	7,970
		Sub-Total - 1999		7,970
2000	648	BACH ENL QTRS MODERN	MCON	16,600
		Sub-Total - 2000		16,600
		Grand Total		30,020

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

Jack E. Buffington
Signature
7/13/94
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

W. A. Earner
Signature
7/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)


Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

Enclosure (1)

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.

Document Separator

BRAC-95 CERTIFICATION

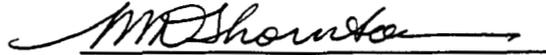
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MICHAEL D. THORNTON

NAME (Please type or print)

CDR, CEC, USN

Title



Signature



Date

MILCON PROGRAMMING DIVISION

Division

NAVAL FACILITIES ENGINEERING COMMAND

Activity

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
12/17/94
Date

Document Separator

**MILITARY VALUE ANALYSIS:
DATA CALL WORK SHEET FOR
OPERATIONAL/RESERVE AIR STATION: NAS KEY WEST, FL**

**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.*******

Data for Military Value Analysis

Mission Requirements	2
Support of transient aircraft	2
Training ranges, outlying and auxiliary fields, and airspace	3
General Military Support	4
Other units	9
Other support requirements	11
 Facilities	 12
Airspace and flight training areas	12
Airfields	37
Base infrastructure and improvement	39
Personnel Support facilities	42
Training facilities	44
Maintenance Facilities	45
Regional maintenance concept	46
Special military facilities	46
Non-DON support requirements	47
 Location	 52
 Features and Capabilities	 55
Weather	55
Encroachment	57
Expansion	62
Reserve demographic level	63
 Quality of life	 64

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
Detailed scheduled for FY93 detachments/deployment attached	
Detailed deployment schedule for FY94 1st and 2nd quarters attached	

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
W-174A,B,C,F,G	Scheduled/Controlled (Radar Monitoring)
W-465A, B	Scheduled/Controlled (Radar Monitoring)

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
FACSFAC JAX	DOD	Specifically created to manage SUA and off-shore OPAREAS. They use a system that can take remote radar feeds (15) for control and monitoring of SUA.
FACSFAC NPA	DOD	Proximity to Area (Scheduling Only)

General Military Support

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

NAS Key West Approach Control provides support to Key West International Airport (FAA) with IFR/SVFR approach and departure control services for approximately 35,000 operations in FY1993. NAS Key West Military Radar Unit provides area control and surveillance support for Warning Areas 174 and 465 supporting 11,293 sorties in FY1993.

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

Increase. Operations at Key West International Airport requiring ATC services have consistently increased 5-8% per year. Now that Homestead A.F.B. is rebuilt, we anticipate Air Force Reserve activity in the Warning Areas to increase. Amount of increase is unknown at this time.

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

Federal Aviation Administration.

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

The mission of the air station is to maintain and operate facilities and provide services and material to support operations of aviation activities and units of the operating forces of the Navy and other activities and units as designated by the Chief of Naval Operations.

Time Phased Force Deployment Data (TPFDD) and Reserve Training Support System data used as a basis for NAS Key West planning resulted in zero surge and expansion requirements. Worst case scenario TPFDD involvement will be addressed for Base Mobilization Plan (BMP) development.

The CINCLANTFLT LSMP is currently based upon a prolonged, global war rather than two major regional conflicts.

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

Remain the same. If the LSMP changes, this mission may change accordingly.

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

We have insufficient data available to respond accurately to the question.

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

- Naval Air Warfare Center Aircraft Division Detachment, Trumbo Annex: NAWC provides a facility and staff to design, support and conduct ocean environment testing of equipment and systems under direct cognisance or of interest to the parent command. Provides a "quick response" test capability. Support other DoD components and their developmental contractors with open ocean testing. Provides scheduling, operations and maintenance of test platforms (vessels) in the Key West and Caribbean areas.

- Naval Computer and Telecommunications Area Master Station LANT DET., NAS Key West: NCTAMS LANT DET is a major link in the Navy's worldwide telecommunications system, providing, operating, and maintaining, as required, all Navy ashore communications resources and all non-tactical information resources for the command control and administration of the Navy and those elements of the defense communications systems assigned to the Navy.

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- CARIBROC, NAS Key West: CARIBROC oversees regional aerial and maritime reconnaissance missions conducted under the peacetime applications of reconnaissance program (PARPRO) (in support of JCS Intelligence requirements) to satisfy national intelligence requirements within the USACOM area of responsibility.

Conducts 24 hours radar operations against aircraft and vessels suspected of smuggling illegal drugs into the United States in support of the USACOM/JTF-4 counter-narcotics Detection and Monitoring (D and M) mission and other operations as directed. Radar operations include the fusion of all radar data obtained from the Caribbean Basin Radar Network (CBRN), DoD tactical radars, land based aerostats, and link 11 participants. Provides support to SE SOCC for air defense mission.

- Naval Atlantic Meteorology and Oceanography DET. NAS Key West: The mission of the NAVOCEANCOM DET is to provide, as directed and within local/functional areas of responsibility, oceanographic and meteorological services to support the mission of the Commander, Naval Oceanography Command.

The detachment also provides hurricane preparedness training and disseminates tropical storm warnings and forecast information to local commands.

- USCG Cutters, Trumbo Point: The surface effect ships, (USCG Cutters Thetis, Mohawk, Sitkinak, and Padre). Primary mission is national defense, enforcement of laws and treaties and search and rescue missions.

- VF-45, NAS Key West: Provide adversary/dissimilar air combat maneuvering training, replacement pilot training, instrument refresher flight training, and instrument evaluation certification in A-4/F-16N/F-5 aircraft as directed by Commander, Light Attack Wing One.

- Key West TACTS, NAS Key West: TACTS Range Team provides VF-45 and visiting squadrons debrief capabilities using the TACTS facility.

- Joint Task Force Four, Truman Annex: JTF-4 under the OPCON of USACOM is responsible for detection and monitoring of aircraft and vessels suspected of smuggling illegal drugs into the U.S.; effective integration of the anti-drug C4I network; and coordination of detection and monitoring activities of other federal agencies.

- Special Forces Underwater Operations, Trumbo Point: Provides a training facility for special operations commands to maintain and elevate their waterborne operational readiness. Test, evaluate and make recommendations on the design, capabilities and procurement of new waterborne operational equipment.

Serve as the proponent for waterborne operations within the special warfare community of the Army. Provides an on-call service to the lower keys region for the treatment of emergency diving injuries.

- Naval Security Group Activity, Truman Annex: The mission of NSGA is to provide communication support to U.S. Forces. This entails the use of secure communication airborne relay to augment existing surface communication systems.

- VF-101 DET, NAS Key West: The mission is to train pilots, radar intercept officers and maintenance personnel in the operation and employment of the supersonic F-14. In conjunction, VF-101 DET K.W. assists all transient F-14's in areas of operational support and aircraft maintenance.

- USCG Group Key West, Trumbo Point: The Coast Guard's multi-mission nature, involves search and rescue, enforcement of laws and treaties, response to threats to the maritime environment, aids to navigation and, otherwise maintaining a high degree of military readiness.

- "A" Company Military Intelligence, Trumbo Point: In support of the Aerostat Vessels, the "A" Company conducts surveillance reconnaissance operations involving detection and monitoring of vessels in support of the U.S. Government.

- 23 Intelligence Squadron, Truman Annex, (Replaced 6947th ESS): The 23 I.S. is responsible for an integral part of the U.S. Worldwide communications network. Provides rapid radio relay, secure communications and command, control and communications countermeasures support the U.S. and allied forces.

- 125th Florida Air National Guard DET 2, NAS Key West: The primary mission of the FLANG 125th Fighter Group DET 2, is aircraft identification and to maintain the security of the air space around the Continental United States.

- Naval Research Lab, Fleming Key: Conducts basic and applied research and engineering on protective coatings, cathodic protection and corrosion control of navy vehicles and structures.

- Foreign Broadcast Information Service (FBIS) Key West Bureau, Truman Annex: The FBIS Key West bureau has been part of the Naval Air Station, Key West, Florida since 1961. The bureau reviews news and official statements broadcast by foreign radio stations and published in newspapers of the area, and translates and transmits selected items to Washington. The bureau is a component of the Foreign Broadcast Information Service (FBIS), which is charged with reporting from foreign public information media (radio, tv and

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press) on behalf of the U.S. Government. It responds to requirements of the National Security Council. FBIS disseminates its product to all interested agencies of the U.S. Government. Its publications are available to the public and to foreign governments by subscription through the national technical information service of the U.S. Department of Commerce.

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

No.

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
USMC Multiple Units	Average 6 detachments yearly for 2-3 wks. duration; Fleming Key Special Forces Training Complex.
USA Multiple Units	Average 5 detachments yearly for 3-4 wks. duration; Fleming Key Special Forces Training Complex/Truman Annex.
USN Multiple Units	Average 3-4 detachments yearly for 3-4 wks. duration; Fleming Key Special Forces Training Complex.
USAF One Unit	Average 1 detachment for 1 wk. duration; Water Survival Training on Fleming Key Special Forces Training Complex.

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
USN Multiple Units	Average of 150 units per year for 2 wks. duration; training with VF-45/TACTS range.
USMC Multiple Units	Average of 20 units per year for 2 wks. duration; training with VF-45/TACTS range.
USAF Multiple Units	Average of 8 units per year for 2 wks. duration; training with VF-45/TACTS range.
USA Multiple Units	Average of 3-5 units per year for 3 wks. duration; training with Special Forces.

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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
VF-45	Local	Fighter Adversary	Monthly
CNATRA	Local	Carrier Qualifications	Quarterly
Combat Diver Qual	Various	Combat Diver Qualification Course - 60 students	6 x per year
Combat Diver Supervisor	Various	Combat Diver Supervisor Course - 20 students	3 x per year
Combat Diver Medical	Various	Combat Diver Medical Technician Course - 20 students	3 x per year
7th Special Forces Grp	Various	Annual re-qualification course 25 personnel	3 x per year
3rd Special Forces Grp	Various	Annual re-qualification course 20 personnel	2 x per year
USSOCOM	Various	Dive Operations 3-4 personnel	monthly
USMC Force Recon	Various	Reconnaissance 40 personnel	6 x per year
Amphibious Recon	Various	Reconnaissance 25 personnel	2 x per year
Navy SEAL	Various	Underwater/dive training 20 personnel	2 x per year
NAVSPECWA RDEVGRP	Various	"	3 x per year
Air Force	Various	Combat Control teams and pararescue 20 personnel	4 x per year
Navy Mobile	Various	Mobile dive and salvage units 30 personnel	2 x per year

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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. Surface SAR, SAR Helo, Oil Spill Detection/Recovery, DOD Hurricane Evacuation and Support as required by government agencies to civilian personnel.

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

Yes. Naval Oceanography Command Detachment, provides aviation weather forecasting and Joint Task Force Four weather briefing.

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.

Dept of Agriculture Animal Import Center quarantines import animals and birds; conducts tests to ascertain freedom of imported animals from exotic diseases.

Foreign Broadcast Information Service is a communications intelligence station that monitors communications by foreign radio stations and newspapers.

Pistol Range: The small arms range is the only weapons range located within a 150 mile radius. It is utilized by all local, federal and state agencies including the following: The Monroe County Sheriff's Department, FBI, Key West Police Department, Florida Marine Patrol, US Customs, Florida Highway Patrol, Department of Corrections and the Key West Rod and Gun Club

U.S. Customs has access to all boat ramps and launching areas on Navy property.

Florida Marine Patrol has access to all boat ramps and launching areas on Navy property.

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
None ¹		

¹ Customs and Coast Guard aircraft often use NAS Key West facilities but are not based at this station.

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
ASR-8/FPN-63	Radar Surveillance/Precision Approach Radar
TACAN	Navigational Aid
Air Traffic Controllers	Provide Air Traffic Service
FPS-67/Operations Specialists	Radar Surveillance/Provide AIC, airspace monitoring
U.S. Customs	Boat Storage
Florida Marine Patrol	Boat Storage
FBIS	Antenna Field
Pistol Range	Firearms qualification range

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

Yes, Joint Task Force Four will become a joint inter-departmental agency task force. Approximately 15-20 customs agents will be added to the JTF-4 staff.

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:

Airspace Designator: W-174A

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

Warning Area

b. Dimensions (nmi. x nmi. x ft of altitude)

30nm x 130nm x 70k ft

c. Distance from main airfield

60nm

d. Time en route from main airfield

10 minutes

e. Controlling agency

Miami ARTCC

f. Scheduling agency

NAS Key West

g. Are canned/stereo airways needed to access air space?

Yes

- If so, how many?

One (Gulf 2)

- If so, what types (i.e., IMC, VMC, or altitude reservation)?

IFR

h. Is the airspace under radar coverage?

Yes (FPS-67)

i. Is the airspace under communications coverage?

Yes

j. Number of low level airways (below 18,000 ft) that bisect airspace

None

k. Number of high altitude airways (above 18,000 ft) that bisect airspace
None

l. Number of sorties flown in FY 1993

68

- By Navy/USMC

59

- By other services (including reserves and national guard)

9

m. Percent of sorties cancelled due to weather.

0

n. Number of available hours in FY 1993

5696

o. Number of scheduled hours in FY 1993

908.1

- By Navy/USMC

790.0

- By other services (including reserves and national guard)

118.1

p. Number of hours used

885.8

- By Navy/USMC

770.6

- By other services (including reserves and national guard)

115.2

q. Types of training permitted

ACM, Air-to-Air GUNEX

r. Is the training within this airspace affected by environmental issues? If so, how?

No

Airspace Designator: W-174B

UIC: 00213

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)
Warning Area

b. Dimensions (nmi. x nmi. x ft of altitude)
70nm x 110nm x 70k ft

c. Distance from main airfield
20nm

d. Time en route from main airfield
4 minutes

e. Controlling agency
Miami ARTCC

f. Scheduling agency
NAS Key West

g. Are canned/stereo airways needed to access air space?

Yes

- If so, how many?

One (Gulf 3)

- If so, what types (i.e., IMC, VMC, or altitude reservation)?

IFR

h. Is the airspace under radar coverage?

Yes (FPS-67)

i. Is the airspace under communications coverage?

Yes

j. Number of low level airways (below 18,000 ft) that bisect airspace

None

k. Number of high altitude airways (above 18,000 ft) that bisect airspace

None

l. Number of sorties flown in FY 1993

4633

- By Navy/USMC

4599

- By other services (including reserves and national guard)

34

m. Percent of sorties cancelled due to weather.

0

n. Number of available hours in FY 1993

5696

o. Number of scheduled hours in FY 1993

903.0

- By Navy/USMC

896.0

- By other services (including reserves and national guard)

7.0

p. Number of hours used

1066.3

- By Navy/USMC

1058.8

- By other services (including reserves and national guard)

7.5

q. Types of training permitted

ACM, Southern TACTS Range

r. Is the training within this airspace affected by environmental issues? If so, how?

Sonic boom consideration at Fort Jefferson Historical Monument. No impact on operations.

Airspace Designator: W-174C

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

Warning Area

b. Dimensions (nmi. x nmi. x ft of altitude)

25nm x 60nm x 70k ft

c. Distance from main airfield

12nm

d. Time en route from main airfield

3 minutes

e. Controlling agency

Miami ARTCC

f. Scheduling agency

NAS Key West

g. Are canned/stereo airways needed to access air space?

Yes

- If so, how many?

One (Ruby 1)

- If so, what types (i.e., IMC, VMC, or altitude reservation)?

IFR

h. Is the airspace under radar coverage?

Yes (FPS-67)

i. Is the airspace under communications coverage?

Yes

j. Number of low level airways (below 18,000 ft) that bisect airspace

None

k. Number of high altitude airways (above 18,000 ft) that bisect airspace

None

l. Number of sorties flown in FY 1993

1388

- By Navy/USMC

1383

- By other services (including reserves and national guard)

5

m. Percent of sorties cancelled due to weather.

0

n. Number of available hours in FY 1993

5696

o. Number of scheduled hours in FY 1993

959.4

- By Navy/USMC

955.5

- By other services (including reserves and national guard)

3.9

p. Number of hours used

925.9

- By Navy/USMC

922.2

- By other services (including reserves and national guard)

3.7

q. Types of training permitted

ACM, FCF, Spin

r. Is the training within this airspace affected by environmental issues? If so, how?

No.

Airspace Designator: W-174E

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

Warning Area

b. Dimensions (nmi. x nmi. x ft of altitude)

10nm x 31nm x 30k ft

c.Distance from main airfield

25nm

d.Time en route from main airfield

6 minutes

e.Controlling agency

Miami ARTCC

f. Scheduling agency

NAS Key West

g.Are canned/stereo airways needed to access air space?

Yes

- If so, how many?

One (Gulf 3)

- If so, what types (i.e., IMC, VMC, or altitude reservation)?

IFR

h.Is the airspace under radar coverage?

Yes (FPS-67)

i.Is the airspace under communications coverage?

Yes

j.Number of low level airways (below 18,000 ft) that bisect airspace

None

k.Number of high altitude airways (above 18,000 ft) that bisect airspace

None

l.Number of sorties flown in FY 1993

Approx 4633

- By Navy/USMC

Approx 4599

- By other services (including reserves and national guard)

Approx 34

*Warning Area is activated in conjunction with W-174B

m. Percent of sorties cancelled due to weather
0

n. Number of available hours in FY 1993
5696

o. Number of scheduled hours in FY 1993
987.5
- By Navy/USMC
979.6
- By other services (including reserves and national guard)
7.9

p. Number of hours used
973.6
- By Navy/USMC
965.8
- By other services (including reserves and national guard)
7.8

q. Types of training permitted
ACM, Air-to-Ground, Staffing

r. Is the training within this airspace affected by environmental issues? If so, how?
No.

Airspace Designator: W-174F

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)
Warning Area

b. Dimensions (nmi. x nmi. x ft of altitude)
28nm x 30nm x 70k ft

c.Distance from main airfield

40nm

d.Time en route from main airfield

8 minutes

e.Controlling agency

Miami ARTCC

f. Scheduling agency

NAS Key West

g.Are canned/stereo airways needed to access air space?

Yes

- If so, how many?

One (Gulf 1)

- If so, what types (i.e., IMC, VMC, or altitude reservation)?

IFR

h.Is the airspace under radar coverage?

Yes (FPS-67)

i.Is the airspace under communications coverage?

Yes

j.Number of low level airways (below 18,000 ft) that bisect airspace

None

k.Number of high altitude airways (above 18,000 ft) that bisect airspace

None

l.Number of sorties flown in FY 1993

222

- By Navy/USMC

217

- By other services (including reserves and national guard)

5

m. Percent of sorties cancelled due to weather.

0

n. Number of available hours in FY 1993

5696

o. Number of scheduled hours in FY 1993

1233.6

- By Navy/USMC

1205.2

- By other services (including reserves and national guard)

28.4

p. Number of hours used

1215.6

- By Navy/USMC

1187.6

- By other services (including reserves and national guard)

28.0

q. Types of training permitted

ACM, Northern TACTS Range

r. Is the training within this airspace affected by environmental issues? If so, how?

No.

Airspace Designator: W-174G

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

Warning Area

b. Dimensions (nmi. x nmi. x ft of altitude)

17nm x 30nm x 70k ft

c. Distance from main airfield

40nm

d. Time en route from main airfield

8 minutes

e. Controlling agency

Miami ARTCC

f. Scheduling agency

NAS Key West

g. Are canned/stereo airways needed to access air space?

Yes

- If so, how many?

One (Gulf 1)

- If so, what types (i.e., IMC, VMC, or altitude reservation)?

IFR

h. Is the airspace under radar coverage?

Yes (FPS-67)

i. Is the airspace under communications coverage?

Yes

j. Number of low level airways (below 18,000 ft) that bisect airspace

One (V225)

k. Number of high altitude airways (above 18,000 ft) that bisect airspace

One (J41)

l. Number of sorties flown in FY 1993

222

- By Navy/USMC

217

- By other services (including reserves and national guard)

5

m. Percent of sorties cancelled due to weather.

0

n. Number of available hours in FY 1993

5696

o. Number of scheduled hours in FY 1993

1233.6

- By Navy/USMC

1229.9

- By other services (including reserves and national guard)

3.7

p. Number of hours used

1215.6

- By Navy/USMC

1187.6

- By other services (including reserves and national guard)

28.0

q. Types of training permitted

ACM, Northern TACTS Range

r. Is the training within this airspace affected by environmental issues? If so, how?

No.

Airspace Designator: W-465A

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

Warning Area

b. Dimensions (nmi. x nmi. x ft of altitude)

37nm x 44nm x 70k ft

c. Distance from main airfield

35nm

d. Time en route from main airfield

7 minutes

e. Controlling agency

Miami ARTCC

f. Scheduling agency

NAS Key West

g. Are canned/stereo airways needed to access air space?

Yes

- If so, how many?

One (Gem 1)

- If so, what types (i.e., IMC, VMC, or altitude reservation)?

IFR

h. Is the airspace under radar coverage?

Yes (FPS-67)

i. Is the airspace under communications coverage?

Yes

j. Number of low level airways (below 18,000 ft) that bisect airspace

None

k. Number of high altitude airways (above 18,000 ft) that bisect airspace

None

l. Number of sorties flown in FY 1993

314

- By Navy/USMC

314

- By other services (including reserves and national guard)

0

m. Percent of sorties cancelled due to weather.

0

n. Number of available hours in FY 1993

5696

o. Number of scheduled hours in FY 1993

293.3 (Hours low due to loss of Homestead AFB; should increase . . . this year)

- By Navy/USMC

293.3

- By other services (including reserves and national guard)

0

p. Number of hours used

203.0

- By Navy/USMC

203.0

- By other services (including reserves and national guard)

0

q. Types of training permitted

ACM

r. Is the training within this airspace affected by environmental issues? If so, how?

No.

Airspace Designator: W-465B

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

Warning Area

b. Dimensions (nmi. x nmi. x ft of altitude)

33nm x 45nm x 70k ft

c. Distance from main airfield

35nm

d. Time en route from main airfield
7 minutes

e. Controlling agency
Miami ARTCC

f. Scheduling agency
NAS Key West

g. Are canned/stereo airways needed to access air space?

Yes

- If so, how many?

One (Gem 1)

- If so, what types (i.e., IMC, VMC, or altitude reservation)?

IFR

h. Is the airspace under radar coverage?

Yes (FPS-67)

i. Is the airspace under communications coverage?

Yes

j. Number of low level airways (below 18,000 ft) that bisect airspace

None

k. Number of high altitude airways (above 18,000 ft) that bisect airspace

None

l. Number of sorties flown in FY 1993

314

- By Navy/USMC

314

- By other services (including reserves and national guard)

0

m. Percent of sorties cancelled due to weather.

0

n. Number of available hours in FY 1993

5696

o. Number of scheduled hours in FY 1993

293.3

- By Navy/USMC

293.3

- By other services (including reserves and national guard)

0

p. Number of hours used

203.0

- By Navy/USMC

203.0

- By other services (including reserves and national guard)

0

q. Types of training permitted

ACM

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:

Range Name: Patricia Target

a. Location (city/county and state)

Lat 243430N Long 0821500W

b. Distance from main airfield

27.5nm

- c. Time en route from main airfield
3 minutes
- d. Controlling agency
NAS Key West (Tarpon MRU)
- e. Scheduling agency
NAS Key West (Tarpon MRU)
- f. Are canned/stereo airways needed to access air space?
Yes
 - If so, how many?
One (Gulf 3)
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
IFR
- g. Is the airspace under radar coverage?
Yes (FPS 67)
- h. Is the airspace under communications coverage?
Yes
- i. Number of low level airways (below 18,000 ft) that bisect airspace
None
- j. Number of high altitude airways (above 18,000 ft) that bisect airspace
None
- k. Number of sorties flown in FY 1993
 - By Navy/USMC
0
 - By other services (including reserves and national guard)
1
- l. Percent of sorties cancelled due to weather.
0
- m. Number of available hours in FY 1993
5696
- n. Number of scheduled hours in FY 1993
 - By Navy/USMC
0
 - By other services (including reserves and national guard)
1
- o. Number of hours used
 - By Navy/USMC

0

- By other services (including reserves and national guard)

1

p. Types of training permitted
Air-to-Ground BOMBEX

q. Is the training within this airspace impeded by environmental issues?

Yes, currently conducting biological study for affect range bombing at Patricia Target has on wildlife. During migration seasons and hatching of sea turtles, range use may have some restrictions.

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

Currently conducting biological study for affect range bombing at Patricia Target has on wildlife. During migration seasons and hatching of sea turtles, range use may have some restrictions.

Land encroachment is not an issue which endangers long term availability of any training areas.

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.

It is sufficient, and can handle more activity.

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

Table16.1 Deployment Costs

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

There are no airspace short falls. This is where detachments normally come to satisfy their shortfalls.

Airfields

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

Airfield Name: Boca Chica Field (NAS Key West)

a. Location:

N 24deg 34.6min W 81deg 41.3min

b. Distance from main field:

N/A, Boca Chica is the main airfield.

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?

N/A, no parallel or dual runways.

e. Does the airfield have full-length parallel taxiways?

Taxiway E is parallel to Runway 13/31. Other taxiways service runways and permit landing and take off without back taxiing.

f. Does the airfield have high speed taxiways?

No

g. Does the airfield have a crosswind runway?

Yes

h. If conditions force the use of this runway, does the airfield lose flight ops capacity?

No

i. How much capacity is lost?

N/A, no capacity is lost.

j. What percent of the time do conditions force the crosswind runway to be used?

Approx. 2%

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).

Arresting Gear - Jet Aircraft

n. Does the air station perimeter road completely encircle the airfield?

No (Blocked by water)

o. Is the air station perimeter road 100% paved? If not estimate the percentage paved.

80% paved; 20% gravel

p. Does the perimeter fence completely enclose the operational areas of the air station? If not, explain why.

No, heavy vegetation provides a natural barrier.

q. Is lack of fencing a security discrepancy?

Yes, MILCON projects (P-623 "Physical Security Upgrade" and P-633 "Upgrade Security Fences, Gates and Signage") have been submitted to correct this deficiency.

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, see attached.

Facilities
Base Infrastructure and Investment

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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 Expenditure¹

Project Number	Description	Fund Year	Value
P-598	PHM Berthing Wharf upgrade, Truman	90	\$11M
P-636	CARIBROC Move/3-D Radar Installation Truman/Boca Chica Field	92	\$4M
P-577	Commissary, Sigsbee	89	\$2.5M
P-595	Exchange, Sigsbee	89	\$2.5M
P-574	Navy Lodge, Sigsbee	90	\$2M
FA 17-90	Peary Court Housing	92	\$13M
P-578	Hazardous Waste Storage Building	89	\$1M
CR6-90	Upgrade Power Check Pad, Boca Chica Field	91	\$.2M
CR1-88	New Emergency Electrical Power generators, Boca Chica Field	90	\$.2M
C69-87	Upgrade Pistol Range	88	\$.2M
CA 21-86	Racquetball Court, Truman	92	\$.175M

¹None of these projects are BRAC related.

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
P-559	13,000 SF Fitness Center Boca Chica Field	97	\$2M
C5-95	25 Meter Pool Boca Chica Field	95	\$.29M
C4-94	Softball Field Sigsbee Park	95	\$.2M
C47-85	Construct Two Tennis Courts Boca Chica Field	96	\$.1M
R14-93	Replace Electrical Switching Station, Boca Chica	95	\$.7M
R10-93	Repair Potable Water Pumphouse, Boca Chica Field	95	\$.55M
RC8-93	Repair/Alt to Air Conditioning, Building A-244	95	\$.375M
R12-93	Repair Hangar Doors, Bldg A-981	96	\$.7M
C2-94	Relocate White Street Trailer Park	97	\$.25M

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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
None			

21.a. **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 ²	
		SF	PN ¹	SF	PN ¹	SF	PN ¹	SF	PN ¹
Administrative office	610-10	151908	1013	9192	61			161100	1074
ADP installations	610-20	6338	42					6338	42
Legal services	610-40	1600	11					1600	11
Admin storage	610-77		NA		NA		NA	0	NA
Underground administrative office	620-10					4840	32	4840	32
Underground ADP installation	620-20							0	0
Underground admin storage	620-77		NA		NA		NA	0	NA
Other	620-7X								

¹PN figures noted are estimates based on NAVFAC P-80 Guidelines which state that the gross floor area should be computed based on 150 gross square feet per building occupant.

²Data provided is less than that reported on the P-164 due to the recent demolition of Building 136 (16,000 SF).

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?

The facility is an old bunker built in 1943. It is currently structurally inadequate due to a spalling concrete ceiling. The facility is in caretaker status and not used because it is structurally unsafe. It has no viable use. The cost to demolish the structure is estimated at \$800,000. The current plant value is \$454,000. We have no current plans to work on the structure and it is not listed as a C3 or C4 deficiency.

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

We have no administrative support facility limitations.

MILCON P-636 is currently under construction. This project will relocate CARIBROC from their Boca Chica office to Bldg 290 at Truman Annex. This will result in 12,296 square feet of potential administrative support space at Boca Chica in Bldg A-324 presently used by CARIBROC.

Several BEQ buildings on Boca Chica are inadequate and scheduled to be replaced via MILCON. In this scenario, some of these BEQ's at Boca Chica could be converted into administrative support facilities.

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
TACTS range	Air combat training: VF-45, VF-101 and transient squadrons. Instrumented range for ACM training; next closest range available in Beaufort, SC
Pistol Range	Military; DoD civilian; local police agencies
Dive Tank	Army Special Forces
Dive Tower	Army Special Forces

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
Joint Tactical Combat Training System	Enhanced ACM training, Air-to-Ground bombing	Not yet available
15G33	ATC Simulator	Jax
2F132	F18 Simulator	Cecil Field ¹
2F64D	H3 Simulator	Jax

¹On BRAC 93 closure list.

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?

N/A, there is no NADEP located at NAS Key West.

25.a. What ship maintenance facilities are located at the air station?

Table 25.1 Ship Maintenance Facilities

Ship Maintenance Facility	Major Capabilities
AIMD	Some Machine Shop services
Bldg 223 Truman Annex	Small boat (50') length repair; 7280 SF
Haulout Ramp Truman Annex	Haulout of vessels to approx 150' length and 60' width

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
AIMD	Manufacture/Fabrication of parts (Machine Shop available)	NAS Boca Chica

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?

No.

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
Fuel Depot	Wholesale fuel distribution (Defense Logistic Agency (DLA), Defense Fuel Supply Center (DFSC), and Navy Petroleum Office (NAVPET))

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 ^{1,2,3}
Aerostat 4700th/Air Force	Base support, POL trans, calibration, Military Support, Aerostat emergency equipment repair and transportation.
125th Air wing/Air Force FLANG	Base Support, POL, Military Support, Common Services, Custodial, ordnance, Airfield operations, ground support equipment, weapons handling/storage, air terminal
Special Forces Combat Swimmers School/Army	Base Support, POL trans, calibration, Military support, common services, custodial, weapons range/munitions storage.
Coast Guard/Foreign Vessels	Base support, POL, common services, pers prop pgm support, weapons range/storage, SAR coordination.
Joint Task Force Four	Base support, POL trans, Military support, Common services, operations control with tarpon Key West operational area, custodial/Security grounds contract.
7th USCG Dist Miami U.S. Coast Guard Group Key West	Search & Rescue
525th MI Brig Support of 319 MI Battalion 224 MI Battalion	Base support less MRP and engineering services, POL, Military support, (while on det in Key West/training only)
23RD IS US Air Force	Base Support, POL Calibration, military support, common services, custodial.

Activity Name / Military Service	Description of Activity Role and Degree of Support ^{1,2,3}
USCG Cutter Mohawk	Base support less MRP and engineering services, POL, military support less galley, common services, mooring facilities, weapons range/storage, fuel contractor services.
A Co MIBN U.S. Army	Base support, POL trans, Military support, common services, custodial, weapons range.
31st TFW Homestead	Environmental, POL, mooring facilities for contractor operated tacts boat used in maintaining range, range antenna site at Truman Annex (grounds maint, utilities, security)

¹Common Base Support: Chapel, disaster preparedness, environmental, fire, police services, safety, mail, engineering, MRP, finance and accounting, servmart, purchasing and contracting, utilities.

²Military services: Galley, BOQ/BEQ and family housing.

³Common Services: Family Services Center, Child Care, MWR.

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^{1,2,3}

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
Monroe County Sheriffs Dept	S.W.A.T. Team services.
City of Key West	Mutual Fire Fighting Assistance
FAA(Long-Range Radar Fac.)	Radar/Navigational Aid, Utilities Antenna site.

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
Military Sealift Command	Regional Coordination
Harry S. Truman Animal & Plant Health Quarantine Inspection Station USDA	Animal & Plant Inspection Quarantine Common base Support, CALIB, POL Transportation Common Services
Foreign Broadcast Information Service	Broadcasting/Monitoring Caribbean Airwaves Common base support, Common services, POL
Defense Reutilization Marketing Service	Disposal common base support, CALIB, Common Services, POL
Lockheed Support Systems	Contractor support office space F-16/F-18 Adversary Program. Common base support POL, CALIB, Air OPS Terminal, missile handling/STC
U.S. Information Agency Radio Marti Program (VOA)	Antenna Site, utilities, finance acct services.
Defense Investigative Service	Investigative Service Office Space, common base support
Defense Printing Services	Printing and reproduction Servmart, office space, common base support
Everglades National Park Dept of the Interior	Park Services (POL Only)
Civil Air Patrol	Maintenance of survival equipment (flotation)
McDonalds	Fast Food restaurant, utilities, restaurant space

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
Key West Pipeline	Fuel pipeline service
Harry Kelsey, Raymon Kilber, Nathan Auble, Hardin Story, Licenses	Allowed uses of government properties
SATO	Office Space/Phones Travel services to government employees
Utility Board	Construction, installation, maintenance, operation, repair and replacement of existing and proposed utilities
FAA VORTAC FACILITY	Fire, police, utilities, finance/acct services and emergency services
Defense Fuel Supply Center	Environmental only
Navy Campus St. Leo's/ Troy State	Office/classroom space, office furniture/ furnishings; custodial, utilities, base mail services/ base phones
Labor Union	Office space/computers/phones
Family Services Counseling FSC (civilian)	Office space/office furniture/phones
U.S. Post Office	Common base support
CWRA Vending Machines	Utilities
Key West Federal Credit Union	Utilities
Monroe County Translator	Utilities

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
Ft. Taylor Camp Ground (State of Florida)	Utilities
Caddell Construction Co.	Utilities
Quick Trans (Navy Material Trans Office)	Utilities
Boland Construction	Utilities
4700 OSS	Common base support Aerostat emergency equipment repair and transportation
125th FLANG DET 2 Key West	POL Trans Custodial ordnance, MPS, airfield Ops, Ground support equipment, WPNS handling/STC

¹Common Base Support: Chapel, disaster preparedness, environmental, fire, police services safety, mail, engineering, MRP, finance and accounting, servmart, purchasing and contracting, utilities.

²Military Support: Galley, BOQ/BEQ, and family housing.

³Common Services: Family Services Center and Child Care, MWR.

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.

W-174B / 20nm / 3 min / 2.0 hrs

W-174C / 12nm / 3 min / 2.0 hrs

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.

Yes - Counter narcotics, Special Forces, Joint Air Operations training.

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

No. Squadrons home based at NAS Key West have never been required to deploy to conduct such training; however, many squadrons routinely deploy to NAS Key West to take advantage of the weather/water conditions here to conduct their carrier qualifications and other required training.

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
Key West Int'l	Civilian commercial and general aviation/C-12, H-3 Training	Key West FL 2.6 nm
Homestead AFB	Joint civilian and military aviation/Emergency divert	Homestead, FL 89.5 nm
Marathon Airport	Civilian commercial and general aviation/C12, H3 training	Marathon, FL 49.5 nm

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
Avon Park Bombing Range	Air to ground weapons delivery/same	190 nm

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
None		

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

Facility	Mobilization Role	Location
Miami Int'l	Mobilization	Miami, Fl
Truman Annex Harbor	Ship harbor, limited embark/debark	Key West
Miami Rail Yard	Railroad Transportation	Miami, Fl
Port of Miami	Embark/Debark	Miami, Fl
Marathon Airport	Mobilization	Marathon, Fl
Key West Int'l	Mobilization	Key West

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: NAS Key West

Month	% of Hours ¹ VMC	% of Hours IMC	% of Hours Below 200 ft Ceilings and 1/2 Mile Visibility	% of All Sorties Canceled ² Due to Weather
Jan.	98	2	0	0
Feb.	98	2	0	0
Mar.	99	1	0	0
Apr.	100	0	0	0
May	99	1	0	0
June	99	1	0	0
July	100	0	0	0
Aug.	100	0	0	0
Sept.	99	1	0	0
Oct.	99	1	0	0
Nov.	100	.003	0	0
Dec.	98	.003	0	0

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

²Only includes 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	07002 200	07002 200	07002 200	07002 200	0700 2200	0700 2200	0700 2200

Schedule does not vary by month or season.

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

No.

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. Aircraft from other stations routinely relocate to NAS Key West to take advantage of local weather conditions.

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)?

Yes. Year-round weather conditions at NAS Key West are unsurpassed for Air Combat Maneuvering (ACM) and Dissimilar Air Combat Maneuvering (DACM) training as well as for student Naval Aviator Carrier qualifications.

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.

Current estimates of population growth/development/environmental constraints do not pose a problem for existing or planned AICUZ airfield clearance and noise restrictions. The potential for significant civilian population growth in the AICUZ is very low for a variety of reasons. First, much of the AICUZ is over water or Navy land. In this regard the majority of noise zone 2 (65-75 db) is over water and significant portions of the type 1/2/3 clear zones are over water or Navy land. (See the enclosed noise control map from our 1990 noise survey and accident potential zone from our 1992 AICUZ update.) Second, the Navy owns the majority of Boca Chica Key, where Boca Chica Field is located. Significant potential problems for the NAS Key West AICUZ essentially ended with a 1984 MILCON Project purchase of the majority of undeveloped yet developable residential property in the Boca Chica Field AICUZ. Third, non-Navy property in the AICUZ consists predominantly of compatible light industry/commercial use and Department of Interior and State of Florida protected wetlands property. The 1984 MILCON Project has made local zoning ordinances south of U.S. route 1 on Boca Chica Key irrelevant to the AICUZ since the Navy owns the majority of developable property there. Local zoning ordinances north of U.S. #1 provide for compatible light industry and commercial uses. Approved residential zoning in the AICUZ is not a potential problem since the majority of these residential areas are already fully developed and do not now constrain the AICUZ.

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	None		
1992	None		
1993	None		

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 Changes¹

Fiscal Year	Number of changes
1991	None
1992	None
1993	None

¹No low level routes originate at NAS Key West.

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

Yes. The county has an official policy of discouraging development in these zones.

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

A 1984 MILCON project allowed Navy purchase of the majority of buildable land left in the AICUZ. Prior to the 1984 AICUZ MILCON, an attempt was made to convince local County Commissioners to enact zoning restrictions limiting residential development in the AICUZ. Although such restrictions were put in place, they were later overturned on the legal grounds that such action amounted to inverse condemnation of the property by the County. The 1984 MILCON Project has made local zoning ordinances south of the U.S. 1 on Boca Chica Key irrelevant to the AICUZ since the Navy owns the majority of developable property there. Local zoning ordinances north of U.S. 1 provide for compatible light industry and commercial uses. Approve residential zoning in the AICUZ is not a potential problem since the majority of these residential areas are already fully developed and do not now constrain the AICUZ.

In any event, the County has enacted an "AICUZ Overlay Zone" to cover those very few developable residential properties in the AICUZ. While not superseding the normal residential zoning regulations this overlay system discourages building in the AICUZ.

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

Current estimates of population growth/development/ environmental constraints do not pose a problem for existing or planned missions, operations, or development. The potential for significant civilian population growth in the AICUZ is very low for a variety of reasons. First, much of the AICUZ is over water or Navy land. In this regard the majority of noise zone 2 (65-75db) is over water and significant portions of the type 1/2/3 clear zones are over water or Navy land. Second, the Navy owns the majority of Boca Chica Key, where Boca Chica Field is located. Significant potential problems for the NAS Key West AICUZ essentially ended with 1984 MILCON Project purchase of the majority of undeveloped yet developable residential property in the Boca Chica Field AICUZ. Third, non-Navy property in the AICUZ consists predominantly of compatible light industry/commercial use and Department of Interior and State of Florida protected wetlands property.

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).

As previously stated, there is little developable, non-Navy owned property in the AICUZ. The area is, however, covered by the County Comprehensive Land Use Plan. The Monroe County Year 2010 Comprehensive Plan has recently been revised. Changes include the reduction of allowable densities for future residential use, and a decrease in lands available for development while increasing lands for conservation.

Monroe County will also use guidance from the OPNAVINST 11010.36A to assess potential building permits. This assessment is important because building permits will be restricted in Monroe County on an annual basis. Each permit will be "graded" by compliance with land use guidelines, environmental impacts, and AICUZ compatibility (for those sites within the airfield overlay zone). Only the permits with the highest compliance scores will be granted, thus requiring compliance to the Comprehensive Plan.

Mortgage Restrictions

The Key West office of the Federal Housing Administration (FHA) requires a review of applications for insurance of mortgage loans on the basis of aircraft noise. The office discourages the construction of new homes within AICUZ footprints but reluctantly will

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approve applications if the builder agrees to incorporate special soundproofing insulation. For applications for existing homes within the AICUZ footprint, the FHA office will approve if the applicant acknowledges in writing that the home is subject to unusual noise conditions.

The Key West office of the Veterans Administration (VA) follows a policy of not guaranteeing mortgage loans within the AICUZ footprint surrounding Naval Air Stations. They may, however, approve loans in Ldn 65 -75.

Both agencies VA and FHA are bound by the Housing and Urban Development (HUD) Circular 1390.2 which sets forth discretionary policy to withhold funds for housing projects not conforming to AICUZ guidance. It is this circular which allows both mortgage restrictions discussed above. The policy also provides for money to be withheld for projects in clear zones and APZs unless the project is consistent with the OPNAVINST 11010.36A and the Standard Land Use Coding Manual (SLUCM).

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

There is no ongoing litigation concerning environmental or airspace problems.

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
Weather	Near constant VMC for aviation training operations
Proximity to Warning Areas	Aircraft have minimal transit time to Warning Areas
Shallow water	Water depth/conditions in Warning Areas surrounding the air station provide excellent possibilities for development of shallow water ASW range.
Proximity to main shipping channel	Maritime or sea control aircraft would find excellent training opportunities.
Pier facilities	Nearly new pier facilities would be ideal for vessels with drafts up to 25 ft.
Weather and water conditions	Ideal for small craft training.
Location	The installation of Electronic Warfare Simulators/transmitters at sea towers would provide excellent Electronic Warfare training opportunities for 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?

Patricia Target, shallow water ASW.

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?

The operational infrastructure meets current requirements and does provide capabilities for future expansion or change in mission.

With regard to future expansion, the following three under utilized areas of apron and an

underutilized hangar are especially significant:

Apron:

1. 10,833 SY now used for Ground Support equipment laydown. (Nose Hangar Area)
2. 12,071 SY now not used (old Blimp site)
3. 40,000 SY now used for miscellaneous laydown including MWR functions. (Trumbo Seaplane ramp)

Hangar:

1. Hangar A-936 - approximately 100,000 SF combined 01/02/OH space.

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.

NO SELRES

	FY-1991	FY-1992	FY-1993
OFFICER	0	0	0
ENLISTED	0	0	0

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?

The local area provides the skilled work force that is essential for air station operations. These skills are not unique to the Key West area. However, lengthy training would be required for many skills if the agency were required to employ personnel from a non-federal government population.

Quality of Life

41. Military Housing

a. Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) 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+	24	24		
Officer	3	148	148		
Officer	1 or 2	None			
Enlisted	4+	64	64		
Enlisted	3	562	562		
Enlisted	1 or 2	353	353		
Mobile Homes		None ¹			
Mobile Home lots		None			

¹There are thirty-seven recreational mobile homes operated by the MWR Department.

(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:

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

41.a.(4) Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List ¹	Average Wait
O-6/7/8/9	1	NA	
	2	NA	
	3	NA	
	4+	1	1-3 months
O-4/5	1	NA	
	2	NA	
	3	6	no wait
	4+	3	1-3 months
O-1/2/3/CWO	1	NA	
	2	NA	
	3	4	no wait
	4+	3	2-4 months
E7-E9	1	NA	
	2	NA	
	3	11	no wait
	4+	3	2-3 months
E1-E6	1	NA	
	2	16	1 month
	3	15	1 month
	4+	10	4-5 months

¹As 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	Cost of off-base housing
2	Availability of units
3	Security
4	Location
5	Condition of units off-base

(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)?

60%

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	96.81%
Substandard	N/A
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?

Yes, downsizing of our Naval facility. Several units have decommissioned.

41.b. BEQ:

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	67%
Substandard	80%
Inadequate	80%

(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, decrease of 25% adequate utilization due to decommissioning of two major squadrons. These spaces are being converted to transient use to reduce % use of inadequate space.

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

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

$$= 13 \dots\dots\dots$$

(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.)	14	44%	
Spouse Employment (non-military)	8	25%	
Other	10	31%	
TOTAL	32	100	

(5) How many geographic bachelors do not live on base? Unknown.

41.c. BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	72%
Substandard	N/A
Inadequate	N/A

(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?

Seasonal transient det usage. Summertime average 40% occupancy.

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

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

365

$$\text{AOB} = 14$$

(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.)	12	71%	
Spouse Employment (non-military)	3	18%	
Other	2	11%	
TOTAL	17	100	

(5) How many geographic bachelors do not live on base? 8

On Base MWR Facilities

42. For on-base MWR facilities¹ 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 SIGSBEE PARK

DISTANCE 6

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	0	N/A
	Outdoor Bays	0	N/A
Arts/Crafts	SF	0	N/A
Wood Hobby	SF	0	N/A
Bowling	Lanes	0	N/A
Enlisted Club/All Hands Club	SF	880	Y
Officer's Club	SF	0	N/A
Library	SF		N
Library	Books	0	N
Theater	Seats	0	N/A
ITT	SF	3500	N
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	0	N/A
Beach	LF	0	N/A
Swimming Ponds	Each	0	N/A
Tennis CT	Each	1	N

¹Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

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Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	1	N
Basketball CT (outdoor)	Each	1	N
Racquetball CT	Each	0	N/A
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium	SF	0	N/A
Fitness Center	SF	0	N/A
Marina	Berths	15	Y
Stables	Stalls	0	N/A
Softball Fld	Each	0	N/A
Football Fld	Each	0	N/A
Soccer Fld	Each	1	N
Youth Center	SF	20	N
Tent Sites	Appx	30	Y
RV Park	Sites	68	Y
Mobile Homes 10X50	Each	37	Y

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On Base MWR Facilities

42. For on-base MWR facilities¹ 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 TRUMAN ANNEX **DISTANCE** 9

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	0	N/A
	Outdoor Bays	0	N/A
Arts/Crafts	SF	0	N/A
Wood Hobby	SF	0	N/A
Bowling	Lanes	0	N/A
Enlisted Club/All Hands Club	SF	5596	N/A
Officer's Club	SF	0	N/A
Library	SF	0	N/A
Library	Books	0	N/A
Theater	Seats	0	N/A
ITT	SF	0	N/A
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	0	N/A
Beach	LF	780	N
Swimming Ponds	Each	0	N/A
Tennis CT	Each	2	N

¹Spaces 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	2	N
Basketball CT (outdoor)	Each	1	N
Racquetball CT	Each	1	N
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium	SF	0	N/A
Fitness Center	SF	0	N/A
Marina	Berths	0	N/A
Stables	Stalls	0	N/A
Softball Fld	Each	1	N
Football Fld	Each	1	N
Soccer Fld	Each	0	N/A
Youth Center	SF	0	N/A

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On Base MWR Facilities

42. For on-base MWR facilities¹ 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 TRUMBO POINT ANNEX DISTANCE 7

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	0	N/A
	Outdoor Bays	0	N/A
Arts/Crafts	SF	0	N/A
Wood Hobby	SF	0	N/A
Bowling	Lanes	0	N/A
Enlisted Club	SF	0	N/A
Officer's Club Officer's Lounge and All Hands Restaurant	SF	10800	Y
Library	SF	0	N/A
Library	Books	0	N/A
Theater	Seats	0	N/A
ITT	SF	0	N/A
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	6	N
Beach	LF	0	N/A
Swimming Ponds	Each	0	N/A
Tennis CT	Each	3	N

¹Spaces 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	1	N
Basketball CT (outdoor)	Each	1	N
Racquetball CT	Each	0	N/A
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium	SF	6553	N
Fitness Center	SF	0	N/A
Marina	Berths	0	N/A
Stables	Stalls	0	N/A
Softball Fld/Youth Field	Each	1	N
Football Fld	Each	0	N/A
Soccer Fld	Each	0	N/A
Youth Center	SF	0	N/A
CDC	SF	10070	Y

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On Base MWR Facilities

42. For on-base MWR facilities¹ 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 BOCA CHICA DISTANCE 0

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	4	Y
	Outdoor Bays	0	N/A
Arts/Crafts	SF	0	N/A
Wood Hobby	SF	0	N/A
Bowling	Lanes	10	Y
Enlisted Club/All Hands Club	SF	8910	N
Officer's Club	SF	0	N/A
Library	SF	3740	N
Library	Books	8200	N
Theater	Seats	150	CLOSED
ITT	SF	0	N/A
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	0	N/A
Beach	LF	480	Y
Swimming Ponds	Each	0	N/A
Tennis CT	Each	3	N

¹Spaces 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	2	N
Basketball CT (outdoor)	Each	2	N
Racquetball CT	Each	2	N
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium	SF	0	N/A
Fitness Center	SF	8900	N
Marina	Berths	24	Y
Stables	Stalls	0	N/A
Softball Fld	Each	3	N
Football Fld	Each	1	N
Soccer Fld	Each	0	N/A
Youth Center	SF	0	N/A

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.

Age Category	Capacity (Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	6			X	17	180
6-12 Mos	5			X	14	120
12-24 Mos	14			X	5	90
24-36 Mos	26			X	0	30
3-5 Yrs	53			X	10	60

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:

Facility type/code: Child Care Center, CCN 740-74
 What makes it inadequate?

NAVFACINST 11010.44E defines an inadequate facility as one in which necessary repairs costs exceed 75% of cost of replacing the facility new. The Trumbo Point Annex Child Care facility, Bldg C-29 is classified as inadequate because necessary repair costs far exceed facility replacement costs. In addition, numerous upgrades (new construction) are needed. The facility was not originally constructed to accommodate a child care function; the entire facility needs cost prohibitive interior re-orientation upgrades in addition to the aforementioned repairs.

What use is being made of the facility?

It is being used as a child care facility (even though inadequate).

What is the cost to upgrade the facility to substandard?

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\$3,000,000

What other use could be made of the facility and at what cost?
Administrative, storage - \$500,000

Current improvement plans and programmed funding: Replace with new facility at Sigsbee Park Annex. MILCON P-604 is presently unprogrammed.

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

This was submitted as a "C3" deficiency on our FY 93 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 Wesley House which operates a referral agency for all types of private child care in Monroe County.

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

35

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. The nearest Navy base is 8 hours away.

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	32,648
Gas Station	SF	120
Auto Repair	SF	5,697
Auto Parts Store	SF	0
Commissary	SF	21,300
Mini-Mart - ALL	SF	5,108
Package Store	SF	700
Fast Food Restaurants	Each	3
Bank/Credit Union	Each	2
Family Service Center	SF	3,982
Laundromat	SF	608
Dry Cleaners	Each	3
ARC	PN	0
Chapel	PN	325
FSC Classrm/Auditorium	PN	1
Navy Lodge	RM	26
Barber Shop	SF	456

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

City	Distance (Miles)
Miami, Florida	150
Tampa, Florida	400
Orlando, Florida	379

47. Standard Rate VHA Data for Cost of Living

Paygrade	With Dependents	Without Dependents
E1	376.29	210.54
E2	376.29	236.64
E3	365.32	269.19
E4	390.46	272.51
E5	404.70	282.56
E6	405.88	276.29
E7	498.31	346.16
E8	459.91	347.68
E9	458.41	347.99
W1	585.01	444.29
W2	565.40	443.46
W3	559.149	454.57
W4	572.53	507.63
O1E	532.65	395.10
O2E	557.26	444.29
O3E	574.25	485.81
O1	517.45	381.30
O2	534.13	417.48
O3	600.93	505.94
O4	559.52	486.56
O5	592.75	490.20
O6	576.85	477.47
O7	513.45	417.17

48.a. Off-base housing rental and purchase

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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	650	550	
Apartment (1-2 Bedroom)	825	500	75-100
Apartment (3+ Bedroom)	900	650	150
Single Family Home (3 Bedroom)	1400	800	200
Single Family Home (4+ Bedroom)	1600	900	300
Town House (2 Bedroom)	850	700	100
Town House (3+ Bedroom)	950	750	150
Condominium (2 Bedroom)	1500	1000	100
Condominium (3+ Bedroom)	1800	1100	150

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

Type Rental	Percent Occupancy Rate
Efficiency	98%
Apartment (1-2 Bedroom)	92% -96.5%
Apartment (3+ Bedroom)	98.5%
Single Family Home (3 Bedroom)	98.5%
Single Family Home (4+ Bedroom)	91.7%
Town House (2 Bedroom)	92%
Town House (3+ Bedroom)	98.5%
Condominium (2 Bedroom)	92%
Condominium (3+ Bedroom)	98.5%

48.c. What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	155,000
Single Family Home (4+ Bedroom)	189,000
Town House (2 Bedroom)	95,000
Town House (3+ Bedroom)	115,000
Condominium (2 Bedroom)	145,000
Condominium (3+ Bedroom)	160,000

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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	1	1	0
February	3	1	0
March	1	1	0
April	1	1	0
May	1	0	0
June	0	0	0
July	0	0	0
August	1	0	0
September	0	0	0
October	2	0	0
November	0	0	0
December	0	0	0

(e) Describe the principle housing cost drivers in your local area.

Tourism

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
MS	0	70
OS	0	44
ET	0	42
SH	0	8
MM	0	7

50. 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)
Key West	75%	8	15
Big Coppitt	2.5%	2	5
Sugarloaf Key	10%	10	10
Cudjoe Key	2.5%	15	20
Big Pine Key	10%	22	30

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	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
Sigsbee Elementary	Public	Pre-K 5th	Special Learning	None	N/A	N/A	Data Entry Spec
Grace Lutheran School	Private	K-5th	None	2,000	N/A	N/A	Off. Mgr.
Montessori Childrens School	Parent co-op	Pre-K 6th	Assist each child to meet own potential	2,640	N/A	N/A	ExecCo ord
Mary Immaculate Star of the Sea	Private	Pre-K 8th	Assist each child to meet own potential	3,465	N/A	N/A	Off Mgr
Mary Sands Exceptional Child Ctr	Public	Pre-K 12th	Special Learning for grade levels	None	N/A	N/A	Sec.
Gerald Adams Elementary	Public	K-5th	Spec. Learning disabilities emotionally handicapped	None	N/A	N/A	

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
Glynn Archer Elementary	Public	Pre-K 5th	Spec. Learning disabilities	None	N/A	N/A	Off. Mgr.
Poinciana Elementary	Public	K-5th	Special Learning disabilities gifted'	None	N/A	N/A	Off. Mgr.
Horace O'Bryant Jr. High	Public	6-8th	Special Disability gifted	None	N/A	N/A	Off. Mgr.
Key West Sr. High	Public	9-12th	Learning disability exceptional	None	N/A	N/A	Off. Mgr.

Local Education information will be forthcoming. School board was unable to meet deadline.

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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.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Florida Keys Community College	Day	Adult/ Yes	Both		Yes	
	Night	HS/Yes			Yes	
Key West HS Adult Ed. Program	Day	Adult/ Yes	Vocational	GED/Certificates		
	Night	HS/Yes	Only			

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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.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
St. Leo College	Day	No	No	No	No	No
	Night	No	No	No	Yes	No
	Correspondence	No	No	No	No	No
Troy State University	Day	No	No	No	No	Yes
	Night	No	No	No	No	No
	Correspondence	No	No	No	No	No

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	¹ N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A
Clerical	N/A	N/A	N/A	N/A
Service	N/A	N/A	N/A	N/A
Other ²	115	118	70 ³	4.1 ⁴

¹This information is not currently recorded as requested.

²Total employment cases opened, all fields.

³Employment counselor position vacant for 3 months.

⁴1993 average for city of Key West 1st quarter CY94 = 4.3.

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.

There are no DoD inpatient or DoD specialty care facilities located at NMCL Key West, the Florida Keys or in south Florida. Active duty beneficiaries are required to utilize U.S. Military Treatment Facilities (USMTF's) for routine referral specialty care causing an increasing demand on their commands travel dollars and loss of valuable manhours.

(1) Non-emergent specialty care is sent out on a referral basis to other USMTFs (e.g. Naval Hospital, Orlando (386 miles); Naval Hospital, Jacksonville (489 miles); and MacDill AFB, Tampa (416) miles). Appointment dates are acquired for all referrals only after the accepting physician has reviewed a faxed/mailed consult. Subsequently, delays in appointment scheduling have been experienced from 14 to 30-45 days. Additionally, a beneficiary utilizing the MEDEVAC system, for a scheduled 30- minute referral outpatient appointment, becomes a loss to his/her command for one to two weeks, depending on the location of the USMTF.

(2) Emergency Care. Key West is an extremely isolated, high cost, resort area. High Supplemental Care costs are escalating due to emergent health care needs, specialty services (e.g. OB/GYN), physical therapy and the limitation of one sole-source Diagnosis Related Group (DRG) exempt civilian hospital.

(3) NMCL Key West is currently negotiating a Sharing agreement with the Department of Veterans Affairs, Medical Center, Miami, Florida for shared services. Beneficiaries will realize great benefits from this alternative care (e.g. reduction in lost manhours, decrease in travel funds allotted for medical care, and the availability of broad specialty care within driving distance.

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.

Military dependents' access to medical care at NMCL is limited due to the non-availability of specialty care. Military dependents and other eligible beneficiaries are forced to utilize the cumbersome MEDEVAC system or the local civilian community. The competitive climate in the local civilian community is less than optimal as the number of providers available, in various medical specialties, is seriously limited. In many cases, there is only one provider per specialty area, at times leading to lengthy waiting lists. Additionally, local civilian providers have historically required up front payment for services provided until such time as the CHAMPUS deductible has been paid. Once the deductible has been met, then the cost share co payment is required. However, some providers do not accept CHAMPUS assignment. Non active duty beneficiaries can experience delays up to three months or longer while awaiting case acceptance from other USMTFs.

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.

Blanks indicate information not available.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)			
Base Personnel - military	9	20	15
Base Personnel - civilian			1
Off Base Personnel - military			
Off Base Personnel - civilian			
2. Blackmarket (6C)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
3. Counterfeiting (6G)			
Base Personnel - military		1	1
Base Personnel - civilian		1	
Off Base Personnel - military			
Off Base Personnel - civilian			
4. Postal (6L)			
Base Personnel - military		1	1
Base Personnel - civilian		3	
Off Base Personnel - military			
Off Base Personnel - civilian			

Blanks indicate information not available.

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
14. Assault (7G)			
Base Personnel - military	75	61	54
Base Personnel - civilian		9	5
Off Base Personnel - military	5		3
Off Base Personnel - civilian	1	3	1
15. Death (7H)			
Base Personnel - military		2	5
Base Personnel - civilian			
Off Base Personnel - military			2
Off Base Personnel - civilian			
16. Kidnapping (7K)			
Base Personnel - military			1
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Blanks indicate information not available.

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military	8	5	6
Base Personnel - civilian	3	1	2
Off Base Personnel - military	1		
Off Base Personnel - civilian	2	1	
19. Perjury (7P)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)			
Base Personnel - military	80	106	107
Base Personnel - civilian	19	24	25
Off Base Personnel - military	11	5	17
Off Base Personnel - civilian	2	18	8

Blanks indicate information not available.

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



FY93

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NAS Key West

SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
VP-94	P-3	1	9/28/92	10/1/92	6	13	18	39
HSL-94	SH-2	1	9/27/92	10/2/92	4	13	20	65
COAST GUARD	C-130	1	10/6/92	10/12/92	2	5	12	30
VFA-106	FA-18	10	10/3/92	10/14/92	20	55	220	605
VFC-12	A-4	9	10/3/92	10/16/92	10	38	130	494
VF-101	F-14	11	10/3/92	10/17/92	39	83	546	1162
COAST GUARD	C-130	1	10/11/92	10/17/92	2	5	12	30
1ST SQN	MH-60	2	10/18/92	10/22/92	22	22	88	88
VAQ-309	EA-6B	3	10/17/92	10/24/92	12	30	84	210
VS-32	S-3	2	9/30/92	10/24/92	7	17	168	608
VF-302	F-14	6	10/13/92	10/24/92	25	78	275	858
VAW-120	E2, C2	5	10/19/92	10/29/92	20	35	200	350

	TOTAL	MANDAYS
12 SQUADRONS	169 OFFICERS	1773 OFFICER
52 AIRCRAFT	394 ENLISTED	4339 ENLISTED



NAS KEY WEST DETACHMENT LOGBOOK

SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
VA-304	A-6	6	10/14/92	11/1/92	25	90	450	1620
VFA-305	FA-18	6	10/24/92	11/3/92	18	80	180	800
VAW-88	E-2C	2	10/17/92	11/3/92	22	35	374	595
VFC-13	A-4	8	10/10/92	11/3/92	15	46	360	1104
VFA-86	FA-18	9	10/17/92	11/5/92	17	82	323	1558
VP-62	P-3C	2	10/24/92	11/7/92	14	42	196	588
CMATERA	T2.A6	45	11/3/92	11/13/92	160	121	1600	1210
VP-94	P-3C	2	11/6/92	11/14/92	14	31	112	248
HC-2	CH-53	2	11/3/92	11/12/92	7	21	63	189
127 TFW	F-16, KC13513		11/12/92	11/15/92	60	75	180	225
VP-68	P-3C	3	11/13/92	11/21/92	15	30	120	240
VFC-12	A-7	8	11/14/92	11/21/92	12	28	84	195
1ST SPECFORG			11/1/92	11/25/92	2	17	48	408
VFA-106	FA-18	10	11/14/92	11/28/92	20	36	280	504
VFA-82	FA-18	8	11/8/92	11/23/92	16	114	240	1710
138TH AVNCO	RU-21	5	11/13/92	11/25/92	14	24	168	288

	TOTAL	OFFICERS	ENLISTED	MANDAYS	OFFICER	ENLISTED
16 SQUADRONS	431	4778				
133 AIRCRAFT	872	11483				



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
LFTICANT	NA	0	11/11/92	12/2/92	2	60	42	1260
VS-31	S-3B	2	11/23/92	12/3/92	7	17	70	370
191-FG	F-16, KC135	7	11/30/92	12/5/92	35	33	175	165
CVTRA	T-34, T-2	18	11/30/92	12/8/92	65	26	680	208
VFC-12	A-4	8	11/28/92	12/9/92	13	23	143	253
VF-101	F-14	12	11/28/92	12/9/92	44	92	484	1012
NAVSPICWARDE			11/25/92	12/13/92	8	36	164	540
1ST SFGA			11/24/92	12/17/92	2	13	46	299
VMFA-115	FA-18	10	11/28/92	12/18/92	24	135	480	2700
142-AES	C-130	1	12/19/92	12/20/92	12	20	12	20

TOTAL		MANDAYS	
10 SQUADRONS	232 OFFICERS	2276	OFFICER
58 AIRCRAFT	449 ENLISTED	6627	ENLISTED



MAS KEY WEST DETACHMENT LOGBOOK

SQUADRON	A/S TYPE	ARRIVAL	DEPARTURE	TOTALS		(IN MANDAYS)	
				OFFICER	ENLISTED	OFFICER	ENLISTED
VF-101	P-14	12 1/10/93	1/23/93	49	50	637	1170
VF-43	A4-F16, F5	11 1/10/93	1/23/93	15	52	155	875
VP-8	P-3C	2 12/2/92	1/23/93	17	32	656	1650
VFA-106	FA-18	10 1/10/93	1/16/93	20	55	320	310
500MU-2	AA	6 1/15/93	1/16/93	9	21	27	63
SEAL TEAM 4	KA	3 1/13/93	1/17/93	3	24	12	96
VWGR-252	KC-130	2 1/2/93	1/16/93	8	15	64	120
700-AAS	C-130	1 1/15/93	1/17/93	3	7	5	3
CMA-9A	72-744	52 1/20/93	2/1/93	100	118	1200	1892
-C-2	C-53	2 1/24/93	1/15/93	7	10	27	50

TOTAL
 231 OFFICERS
 419 ENLISTED

10 SQUADRONS
 54 AIRCRAFT

MANDAYS
 3153 OFFICER
 5515 ENLISTED



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
SDVT-2	N/A	0	1/7/93	2/1/93	3	9	75	225
VF-201	F-14	6	1/28/93	2/6/93	26	73	234	657
552 OG	E-3C	1	2/4/93	2/8/93	13	13	52	52
VF-202	F-14	6	2/7/93	2/13/93	21	65	126	390
VT-23	T-2	18	2/1/93	2/12/93	60	50	660	550
VP-93	P-3C	2	1/31/93	2/13/93	17	32	221	416
VFA-203	FA-18	8	1/30/93	2/13/93	26	106	364	1484
VP-92	P-3C	2	2/11/93	2/19/93	14	32	112	256
28 BS	B-18	1	2/18/93	2/23/93	4	0	20	0
VFA-106	FA-18	10	2/14/93	2/21/93	20	36	140	752
142 AES	C-130	1	2/20/93	2/21/93	9	24	9	24
VT-19	T-2C	12	2/11/93	2/24/93	37	30	481	390
VF-43	F5,F16,A4	11	1/29/93	2/26/93	17	56	476	1568
VF-101	F-14A	12	2/13/93	2/26/93	45	93	585	1209
VP-64	P-3C	2	2/18/93	2/27/93	13	37	117	333
VP-26	P-3C	1	2/21/93	2/26/93	7	15	35	75
VAN-120	E2/C-2	2	2/25/93	2/28/93	18	35	54	105

TOTAL	MANDAYS
350 OFFICERS	3761 OFFICER
706 ENLISTED	7986 ENLISTED

17 SQUADRONS
95 AIRCRAFT



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
VP-16	P-3	1	3/9/93	3/13/93	7	15	28	60
SEAL TM TAO NA	NA		3/3/93	3/13/93	4	7	40	70
8 SQUADRON	E-3	1	3/5/93	3/12/93	14	13	98	91
NAWC	P-3	2	2/24/93	3/2/93	3	8	18	48
LFTCLANT	CH-46	2	2/10/93	3/4/93	6	58	132	1276
SDVT-2	NA		2/19/93	3/15/93	2	9	48	216
VC-10	A-4	2	3/12/93	3/19/93	4	11	28	77
940 AFRES	KC-135	1	3/17/93	3/20/93	5	8	15	24
79 TEG	F-16/15	10	3/19/93	3/21/93	10	0	20	0
VFC-12	A-4	2	3/20/93	3/28/93	5	8	40	64
STF RENO NV NA	NA		3/16/93	3/28/93	1	19	12	228
VF-41	F-14	6	3/21/93	3/27/93	22	65	132	390

TOTAL	83 OFFICERS	611 OFFICER
	221 ENLISTED	2544 ENLISTED

12 SQUADRONS
27 AIRCRAFT



NAS KEY WEST DETACHMENT LOGBOOK

SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
VFA-106	FA-18	10	3/16/93	4/1/93	20	43	320	688
VT-66	T-2	8	3/30/93	4/8/93	36	16	324	344
MIBN	RU-21	1	4/6/93	4/8/93	2	0	4	0
VFA-131	FA-18	8	3/27/93	4/10/93	20	98	280	1372
2ND RCN	N/A	0	4/4/93	4/24/93	5	45	50	450
NAVC	E-2C, LEAR	2	4/7/93	4/19/93	5	17	60	204
VFC-12	A-4	4	4/10/93	4/17/93	9	16	63	112
9 LSS	U-2	1	4/8/93	4/20/93	5	27	60	324
VF-101	F-14	12	4/10/93	4/23/93	52	86	676	1118
VF-43	F16, FS, A4	11	4/9/93	4/26/93	15	58	255	985
142 AES	C-130	1	4/23/93	4/25/93	13	18	26	36
MIBN	RU-21	1	4/27/93	4/29/93	2	0	4	0
USNAITC	RU-21	1	4/27/93	4/28/93	3	1	5	2

TOTAL		MANDAYS	
13 SQUADRONS	187 OFFICERS	2128	OFFICER
50 AIRCRAFT	425 ENLISTED	5436	ENLISTED



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
VP-40	P-3	2	2/25/93	5/10/93	12	30	888	2220
224 MI	RU21, RV1	7	4/28/93	5/21/93	13	66	299	1518
VFA-106	FA-18	10	4/24/93	5/8/93	20	40	280	560
VF-126	F16, A4	6	4/24/93	5/8/93	14	54	196	756
VF-202	F-14	6	4/25/93	5/1/93	21	70	126	420
VFC-12	A-4	3	4/26/93	5/7/93	7	16	77	176
VF-201	F-14	6	4/29/93	5/8/93	21	80	189	720
NAHC	P-3	1	5/3/93	5/12/93	3	12	27	108
MAG-49	KC-130	1	5/4/93	5/7/93	2	5	6	15
552 OG	E-3	1	5/10/93	5/15/93	12	15	60	75
NAHC	P-3	1	5/19/93	5/21/93	4	13	8	26

TOTAL	MANDAYS
129 OFFICERS	2156 OFFICER
401 ENLISTED	6594 ENLISTED

11 SQUADRONS
44 AIRCRAFT



7/6/93

NAS KEY WEST DETACHMENT LOGBOOK

SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
VFA-86	FA-18	4	6/1/93	6/3/93	4	7	8	14
231ST TRANS	N/A		6/9/93	6/27/93	12	168	216	3024
VFA-106	FA-18	10	6/5/93	6/17/93	20	39	240	468
VF-101	F-14	10	6/7/93	6/18/93	52	86	572	946
VFC-12	A-4	4	6/8/93	6/19/93	10	18	110	198
VP-66	P-3	2	6/9/93	6/19/93	11	35	110	350
NAWC	P-3	1	6/14/93	6/22/93	3	11	24	88
VFA-105	F-18	8	6/17/93	6/25/93	17	85	136	680
VAW-126	E-2	2	6/17/93	6/25/93	14	30	112	240
VP-92	P-3	2	6/18/93	6/26/93	16	30	128	240

10 SQUADRONS
43 AIRCRAFT

TOTAL		MANDAYS	
159	OFFICERS	1656	OFFICER
509	ENLISTED	6248	ENLISTED



NAS KEY WEST DETACHMENT LOGBOOK

8/3/93

SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)			
					OFFICER	ENLISTED	OFFICER	ENLISTED		
VP-68	P-3	2	6/25/93	7/1/93	13	31	78	186		
VAW-121	E-2	2	7/5/93	7/10/93	10	20	50	100		
VX-4	F14/F-18	11	6/26/93	7/10/93	54	177	756	2478		
644 BS	B-52	1	7/14/93	7/19/93	5	2	25	10		
MIEN LI	DASH-7	2	2/17/93	7/20/93	18	30	2754	4590		
NAWC	P-3	1	7/19/93	7/23/93	3	12	12	48		
VFA-106	FA-18	10	7/11/93	7/23/93	20	80	240	960		
145 AG	C-130	1	7/23/93	7/27/93	3	4	12	16		
1ST SOG	MH-60	1	7/22/93	7/27/93	6	8	30	40		
VP-10	P-3	2	7/1/93	7/22/93	154	34	3234	714		
166 AG	C-130	1	7/26/93	7/29/93	3	4	9	12		
308FS	F-16	6	7/24/93	7/30/93	7	16	42	96		
12 SQUADRONS					TOTAL	296	OFFICERS	MANDAYS	7242	OFFICER
40 AIRCRAFT						418	ENLISTED		9250	ENLISTED



NAS KEY WEST DETACHMENT LOGBOOK

<u>SQUADRON</u>	<u>A/C TYPE</u>	<u>#</u>	<u>ARRIVAL</u>	<u>DEPARTURE</u>	<u>(TOTALS)</u>		<u>(IN MANDAYS)</u>	
					<u>OFFICER</u>	<u>ENLISTED</u>	<u>OFFICER</u>	<u>ENLISTED</u>
VP-16	P-3	2	7/21/93	8/6/93	13	45	208	720
VF-101	F-14	11	7/25/93	8/7/93	51	86	663	1118
VF-43	A4, F5, F16	12	7/23/93	8/8/93	14	57	224	912
MDSU 2	NA	NA	7/19/93	8/10/93	2	14	44	308
VP-26	P-3	1	8/6/93	8/12/93	5	12	30	72
VP-64	P-3	2	8/5/93	8/14/93	11	32	99	288
167 AES	C-130	1	8/13/93	8/15/93	13	22	26	44
VFA-106	FA-18	10	8/15/93	8/26/93	20	53	220	583
VP-94	P-3	2	8/11/93	8/22/93	12	28	132	308
VP-49	P-3	1	8/23/93	8/28/93	5	11	25	55
VP-16	P-3	1	8/23/93	8/31/93	13	45	104	360
					<u>TOTAL</u>		<u>MANDAYS</u>	
11	SQUADRONS				159	OFFICERS	1775	OFFICER
43	AIRCRAFT				405	ENLISTED	4768	ENLISTED



10/1/93

NAS KEY WEST DETACHMENT LOGBOOK

SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
VAW-125	E-2C	2	9/1/93	9/24/93	26	36	598	828
224 MI	OV1, RV1	10	9/9/93	9/28/93	13	69	247	1311
VAW-120	E2, C2	5	9/1/93	9/10/93	26	36	234	324
VF-74	F-14	2	9/5/93	9/9/93	4	17	16	68
700-ALS	C-130	1	9/7/93	9/10/93	4	5	12	15
VFA-81	FA-18	8	9/11/93	9/24/93	19	86	247	1118
MIUWU-208	NA	0	9/17/93	9/19/93	12	47	24	94
VF-103	F-14	2	9/18/93	9/24/93	5	19	30	114
906-EG	F-16	6	9/19/93	9/25/93	10	35	60	210
VF-142	F-14	4	9/22/93	9/26/93	10	50	40	200
VFA-83	FA-18	6	8/29/93	9/10/93	19	90	228	1080

TOTAL	MANDAYS
148 OFFICERS	1736 OFFICER
490 ENLISTED	5362 ENLISTED

11 SQUADRONS
46 AIRCRAFT

1st + 2nd Squadrons #1 FY94

DESIGNATION: 00213

DAY OF ARRIVAL	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	COL 9	COL 10	COL 11	COL 12	SHEET-TOTAL		
	Off	Ent	A/C	Off	Ent	A/C	Off	Ent	A/C	Off	Ent	A/C	Off	Ent	A/C
1	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						104 292 39		
2	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						104 292 39		
3	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						104 292 39		
4	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						104 292 39		
5	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						104 292 39		
6	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						94 250 29		
7	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						26 84 0		
8	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						10 25 2		
9	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						10 25 2		
10	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						30 105 12		
11	10 25 2			20 80 10	48 94 11	10 34 10	16 59 6						30 105 12		
12	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							68 230 26		
13	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							68 230 26		
14	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							68 230 26		
15	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							81 256 26		
16	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							91 256 26		
17	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							81 256 26		
18	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							81 256 26		
19	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							81 256 26		
20	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							61 176 16		
21	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							51 151 14		
22	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							43 181 5		
23	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							48 113 6		
24	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							48 113 6		
25	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							53 125 7		
26	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							53 125 7		
27	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							53 125 7		
28	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							53 125 7		
29	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							48 113 6		
30	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							48 113 6		
31	10 25 2	21 99 8		12 14 5	20 80 10	5 12 1							48 113 6		

11 ADA

VP-16

VP-93

VP-16

VP-16

VP-16

VP-16

VFA-106

VFA-106

VFA-106

VFA-106

VFA-106

VFA-106

VFA-106

VFA-136

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VFA-101

VFA-122

12/2/95
8:15 AM

WAS KEY WEST DEPLOYMENT SCHEDULE
NOVEMBER 1993

SHEET 1 OF 1



DAY OF ARRIVAL	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	COL 9	COL 10	COL 11	COL 12	SHEET TOTAL			
	Off	Enl	A/C	Off	Enl	A/C	Off	Enl	A/C	Off	Enl	A/C	Off	Enl	A/C	
1	VP-64	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	48	121	5
2	VP-64	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	48	121	5
3	VP-64	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	28	71	2
4	VP-64	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	34	83	6
5	VP-64	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	67	132	16
6	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	84	213	24
7	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	99	258	26
8	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	99	258	26
9	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	99	258	26
10	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	99	258	26
11	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	99	258	26
12	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	99	258	26
13	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	119	338	36
14	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	119	338	36
15	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	106	312	36
16	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	106	312	36
17	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	107	314	36
18	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	107	314	36
19	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	107	314	36
20	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	92	289	34
21	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	22	140	10
22	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	22	140	10
23	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	22	140	10
24	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	2	60	0
25	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	2	60	0
26	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	2	60	0
27	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	2	60	0
28	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	2	60	0
29	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	22	140	10
30	VP-92	15	45	2	11	NOA	13	26	0	VP-93	20	50	3	27	146	11

NEXT MONTH

NEXT MONTH

DAY OF	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	COL 9	COL 10	COL 11	COL 12	SHEET TOTAL
ARRIVAL	Off-Ent-A/C												
1		LFTCLANT	700 AS	VFA-37									26 146 10
2	3 60 0	5 6 1	20 80 9										26 152 11
3	6 72 2	2	DEPART	20 80 9									26 152 11
4	6 72 2	2	DEPART	20 80 9	VMFA-321	VMA-131	20 52 8	VAN-126					46 204 19
5	6 72 2	2	DEPART	20 80 9	20 60 8	18 60 9	20 52 8	11 25 2					95 349 38
6	6 72 2	2	DEPART	20 80 9	20 60 8	18 60 9	20 52 8	11 25 2					95 349 38
7	6 72 2	2	DEPART	20 80 9	20 60 8	18 60 9	20 52 8	11 25 2					95 349 38
8		DEPART	HS-75	20 60 9	20 60 8	18 60 9	20 52 8	11 25 2					89 277 36
9		8 20 4	20 80 9	20 60 8	18 60 9	20 52 8	11 25 2						97 305 40
10		8 20 4	20 80 9	20 60 8	18 60 9	20 52 8	11 25 2						97 305 40
11		COMPAINING	DEPART	20 80 9	DEPART	DEPART	DEPART	11 25 2					31 105 11
12	15 45 2		20 80 9					11 25 2					46 150 13
13	15 45 2		20 80 9					11 25 2					46 150 13
14	15 45 2		DEPART					DEPART					15 45 2
15	15 45 2		DEPART					DEPART					15 45 2
16	15 45 2		DEPART					DEPART					15 45 2
17	15 45 2		DEPART					DEPART					15 45 2
18	15 45 2		DEPART					DEPART					15 45 2
19	15 45 2		DEPART					DEPART					15 45 2
20	15 45 2		DEPART					DEPART					15 45 2
21	15 45 2		DEPART					DEPART					15 45 2
22	15 45 2		DEPART					DEPART					15 45 2
23	15 45 2		DEPART					DEPART					15 45 2
24	15 45 2		DEPART					DEPART					15 45 2
25	15 45 2		DEPART					DEPART					15 45 2
26	15 45 2		DEPART					DEPART					15 45 2
27	15 45 2		DEPART					DEPART					15 45 2
28	15 45 2		DEPART					DEPART					15 45 2
29	15 45 2		DEPART					DEPART					15 45 2
30	15 45 2		DEPART					DEPART					15 45 2
31	15 45 2		DEPART					DEPART					15 45 2



NEXT MONTH



DAY OF ARRIVAL	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	COL 9	COL 10	COL 11	COL 12	SHEET TOTAL			
	Off	Enl	A/C	Off	Enl	A/C	Off	Enl	A/C	Off	Enl	A/C	Off	Enl	A/C	
1													0	0	0	0
2													0	0	0	0
3			VF-101	VF-43									5	20	0	5
4	43	87	11	15	57	8							5	20	0	5
5	43	87	11	15	57	8							5	20	0	63
6	43	87	11	15	57	8							5	20	0	63
7	43	87	11	15	57	8							5	20	0	78
8	43	87	11	15	57	8							5	20	0	78
9	43	87	11	15	57	8							5	20	0	98
10	43	87	11	15	57	8							5	20	0	98
11	43	87	11	15	57	8							5	20	0	83
12	43	87	11	15	57	8							5	20	0	83
13	43	87	11	15	57	8							5	20	0	93
14	43	87	11	15	57	8							5	20	0	93
15	43	87	11	15	57	8							5	20	0	93
16	43	87	11	15	57	8							5	20	0	88
17	43	87	11	15	57	8							5	20	0	78
18													5	20	0	78
19													5	20	0	20
20													5	20	0	0
21													5	20	0	0
22													5	20	0	7
23													5	20	0	177
24													5	20	0	197
25													5	20	0	201
26													5	20	0	201
27													5	20	0	201
28													5	20	0	201
29													5	20	0	194
30													5	20	0	60
31													5	20	0	206



DEPLOYMENT SCHEDULE

ARRIVAL	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	TOTALS				
DATE	OFF ENL A/C	ENL A/C	OFF	ENL A/C	OFF	ENL A/C											
1	224 MI	MDSU-2	VP-64	VFA-105	VT-23												
2	10 20 8	5 23 0	13 27 2	22 100 10	50 42 18								100	212	38		
3	10 20 8	5 23 0	13 27 2	22 100 10	50 42 18								100	212	38		
4	10 20 8	5 23 0	13 27 2	22 100 10	50 42 18								100	212	38		
5	10 20 8	5 23 0	13 27 2	22 100 10	50 42 18								100	212	38		
6	10 20 8	*DEPART*		*DEPART*													
7	10 20 8																
8	10 20 8																
9	10 20 8																
10	10 20 8																
11	10 20 8																
12	10 20 8	VNFA-115	13 27 2	OMG DALLAS	VF-202				VFA-106								
13	10 20 8	3 10 3	13 27 2	4 26 4	23 75 6				20 69 10								
14	10 20 8	3 10 3	13 27 2	4 26 4	23 75 6				20 69 10								
15	*DEPART*	3 10 3	13 27 2	4 26 4	23 75 6				20 69 10								
16		3 10 3	13 27 2	4 26 4	23 75 6				20 69 10								
17		3 10 3	13 27 2	4 26 4	23 75 6				20 69 10								
18		3 10 3	13 27 2	4 26 4	23 75 6				20 69 10								
19		*DEPART*	13 27 2	4 26 4	23 75 6				20 69 10								
20			*DEPART*	*DEPART*					20 69 10								
21									20 69 10								
22									20 69 10								
23									20 69 10								
24									*DEPART*								
25		166-AG															
26	24 36 1																
27	24 36 1																
28	*DEPART*																
29																	
30																	
31																	



DEPLOYMENT SCHEDULE

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	TOTALS		
	OFF ENL A/C	ENL A/C	OFF	ENL A/C											
1	VF-43	VF-101	LFTCLANT	28-BS	HM-261	VAW-120							59-260-32		
2	12 40 10	45 87 11	8 72 2	4 2 1	5 9 2	15 50 6							76 179 28		
3	12 40 10	45 87 11	*DEPART*	4 2 1	*DEPART*	15 50 6							78 189 28		
4	12 40 10	45 87 11	4 2 1	4 2 1		15 50 6	SDWT-2						62 147 17		
5	*DEPART*	45 87 11	VFA-142	*DEPART*		15 50 6	2 10 0		VF-14	VF-93		VFA-146	126 387 36		
6	45 87 11	45 87 11	20 80 10	20 80 10		15 50 6	2 10 0		20 60 5	5 12 50 2		20 80 8	146 467 44		
7	45 87 11	45 87 11	20 80 10	20 80 10		15 50 6	2 10 0		20 60 5	5 12 50 2		20 80 8	146 627 44		
8	45 87 11	45 87 11	20 80 10	160 SOAR		15 50 6	2 10 0		20 60 5	5 12 50 2		20 80 8	105 392 35		
9	*DEPART*	20 80 10	4 2 2	4 2 2		15 50 6	*DEPART*		20 60 5	5 12 50 2		20 80 8	90 332 29		
10	20 80 10	20 80 10	20 80 10	*DEPART*		20 80 10	2 10 0		20 60 5	5 12 50 2		20 80 8	86 330 27		
11	20 80 10	20 80 10	20 80 10			20 80 10	2 10 0		20 60 5	5 12 50 2		20 80 8	86 330 27		
12	20 80 10	20 80 10	20 80 10			20 80 10	*DEPART*		20 60 5	5 12 50 2		20 80 8	86 330 27		
13	20 80 10	20 80 10	20 80 10			20 80 10			20 60 5	5 12 50 2		20 80 8	84 320 27		
14	STF-REMO		20 80 10			20 80 10			20 60 5	5 12 50 2		20 80 8	84 320 27		
15	5 49 0		20 80 10	CNATEA		20 80 10			20 60 5	5 12 50 2		20 80 8	89 359 27		
16	5 49 0		20 80 10	130 90 58	HC-2	10 20 2			20 60 5	5 12 50 2		20 80 8	219 459 85		
17	5 49 0		20 80 10	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	229 479 87		
18	5 49 0		20 80 10	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	214 418 79		
19	5 49 0		20 80 10	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	194 339 71		
20	5 49 0		20 80 10	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	150 179 62		
21	5 49 0		20 80 10	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	190 248 68		
22	5 49 0	VP-8	20 80 10	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	190 248 68		
23	5 49 0	6 14 1	20 80 10	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	186 242 67		
24	5 49 0	6 14 1	20 80 10	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	186 242 67		
25	5 49 0	6 14 1	63-ABS	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	186 242 67		
26	5 49 0	6 14 1	22 28 6	130 90 58	10 20 2	5 19 2			20 60 5	5 12 50 2		20 80 8	181 223 65		
27	5 49 0	6 14 1	*DEPART*	*DEPART*		5 19 2			20 60 5	5 12 50 2		20 80 8	203 251 71		
28	5 49 0	6 14 1				5 19 2			20 60 5	5 12 50 2		20 80 8	51 133 7		
29	*DEPART*	*DEPART*				5 19 2			20 60 5	5 12 50 2		20 80 8	51 133 7		
30						5 19 2			20 60 5	5 12 50 2		20 80 8	40 70 6		
31						5 19 2			20 60 5	5 12 50 2		20 80 8	40 70 6		

11/3/93

NAS KEY WEST DETACHMENT LOGBOOK



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
VF-43	F16, F5, A4	10	9/24/93	10/6/93	10	50	120	600
VF-101	F-14	12	9/25/93	10/7/93	40	87	480	1044
VFA-136	FA-18	8	9/26/93	10/6/93	19	98	190	980
VP-16	P-3	2	9/20/93	10/23/93	10	25	330	825
VFA-204	F-18	7	9/28/93	10/8/93	19	59	190	590
VFA-106	FA-18	10	10/9/93	10/21/93	20	48	240	576
VMFA-122	FA-18	10	10/12/93	10/22/93	21	99	210	990
114 FG	F-16	5	10/12/93	10/21/93	12	14	108	126
NAWC	P-3C	1	10/12/93	10/22/93	5	12	50	120
NAWC	P-3C	1	10/25/93	10/30/93	5	12	25	60
VP-16	P-3	1	10/23/93	10/29/93	10	25	60	150

11 SQUADRONS
67 AIRCRAFT

<u>TOTAL</u>		<u>MANDAYS</u>	
171	OFFICERS	2003	OFFICER
529	ENLISTED	6061	ENLISTED

12/2/93

NAS KEY WEST DETACHMENT LOGBOOK



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
11TH ADA	BDEN/A		10/15/93	11/19/93	13	28	455	980
VP-93	P-3C	5	10/21/93	11/14/93	20	50	480	1200
VP-64	P-3C	2	10/29/93	11/7/93	15	45	135	405
VP-92	P-3C	2	11/5/93	11/20/93	14	32	210	480
VF-43	F16,F5	4	11/5/93	11/22/93	6	12	102	204
VFA-203	FA-18	8	11/6/93	11/21/93	17	81	255	1215
VF-101	F-14	11	11/6/93	11/21/93	43	87	645	1305
VFA-106	FA-18	10	11/13/93	11/23/93	20	37	200	370

	TOTAL	MANDAYS
8 SQUADRONS	148 OFFICERS	2482 OFFICER
42 AIRCRAFT	372 ENLISTED	6159 ENLISTED

12/13/93

NAS KEY WEST DETACHMENT LOGBOOK

SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
LFTCLANT	NA	NA	11/21/93	12/8/93	3	72	51	1224
VFA-37	FA-18	9	11/29/93	12/10/93	18	89	198	979
700 AS	C-130	1	11/30/93	12/2/93	5	6	10	12
184 FG	F-16	8	12/4/93	12/11/93	20	52	140	364
VMA-131	A-4	8	12/5/93	12/11/93	18	60	108	360
VAW-126	E-2C	2	12/5/93	12/14/93	11	25	99	225
VMFA-321	FA-18	8	12/5/93	12/11/93	20	55	120	330
HS-75	SH-3	4	12/9/93	12/11/93	10	30	20	60

8 SQUADRONS
40 AIRCRAFT

<u>TOTAL</u>		<u>MANDAYS</u>
105 OFFICERS		746 OFFICER
389 ENLISTED		3554 ENLISTED



2/2/94

NAS KEY WEST DETACHMENT LOGBOOK



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)		(IN MANDAYS)	
					OFFICER	ENLISTED	OFFICER	ENLISTED
EF-43	A4,F5,F16	10	1/4/94	1/18/94	12	60	168	840
F-101	F-14	11	1/4/94	1/18/94	43	87	602	1218
VAW-120	E2,C2	4	1/6/94	1/10/94	15	20	60	80
VFA-106	FA-18	10	1/8/94	1/19/94	20	38	220	418
NSWG-2	N/A		1/12/94	1/16/94	10	31	40	124
NAWC	P-3C	1	1/24/94	1/30/94	4	10	24	60
114-FG	F-16	6	1/23/94	1/29/94	13	44	78	264
HC-2	H-53	2	1/22/94	1/31/94	8	20	72	180
131-FW	F-15	6	1/23/94	1/28/94	17	24	85	120
CNATRA	T2,A4	52	1/22/94	1/30/94	130	105	1040	840

10 SQUADRONS
102 AIRCRAFT

<u>TOTAL</u>		<u>MANDAYS</u>	
272	OFFICERS	2389	OFFICER
439	ENLISTED	4144	ENLISTED

NAS KEY WEST DETACHMENT LOGBOOK



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)	
					OFFICER	ENLISTED
VMFA-115	F-18	3	2/12/94	2/19/94	3	10
VF-202	F-14	6	2/12/94	2/19/94	23	75
VFA-106	F-18	10	2/12/94	2/24/94	20	69
434 OSS	A-10	5	2/18/94	2/20/94	13	16
58-FS	F-15	5	2/12/94	2/19/94	11	28
OMD DALLAS	A-4	4	2/12/94	2/20/94	4	26
VP-64	P-3	2	1/29/94	2/20/94	13	27
NRLSSC	MH-53	1	2/07/94	2/18/94	4	0
VT-23	T-2	18	2/01/94	2/11/94	50	42
224-MI	OV1, U21	8	1/21/94	2/15/94	10	20
MDSU-2	N/A	0	1/21/94	2/06/94	5	23
VFA-105	F-18	10	1/23/94	2/05/94	22	100
166-AG	C-130	1	2/25/94	2/27/94	24	36

13 SQUADRONS
73 AIRCRAFT

TOTAL
202 OFFICERS
446 ENLISTED

NAS KEY WEST DETACHMENT LOGBOOK



SQUADRON	A/C TYPE	#	ARRIVAL	DEPARTURE	(TOTALS)	
					OFFICER	ENLISTED
-VF-41	F-14	6	3/20/94	3/31/94	40	70
-STF-RENO	N/A	0	3/14/94	3/29/94	5	49
VP-8	P-3	1	3/22/94	3/25/94	6	14
63-ARS	F16, 135	6	3/25/94	3/27/94	22	28
-CNATRA	T2 A4	58	3/15/94	3/27/94	130	90
-HC-2	CH-53	2	3/16/94	3/23/94	10	20
-VRC-40	C-2	2	3/17/94	3/25/94	5	19
-VEA-146	F-18	8	3/06/94	3/19/94	20	80
-VP-93	P-3	2	3/05/94	3/20/94	12	50
-VF-14	F-14	5	3/05/94	3/20/94	20	60
-VMFA-142	F-18	10	3/05/94	3/18/94	20	80
-160 SOAR	AH-65	2	3/08/94	3/11/94	4	2
-VAW-120	E-2 C-2	6	3/01/94	3/10/94	15	50
-VF-101	F-14	11	2/19/94	3/09/94	45	87
-VF-43	A4, F5	10	2/18/94	3/09/94	12	40
-28-BS	B-1B	1	2/24/94	3/05/94	4	2
-LFTCLANT	H-53	2	2/20/94	3/02/94	8	72
-HMM-261	H-46	2	2/24/94	3/03/94	5	9
-SDVT-2	N/A	0	3/03/94	3/13/94	2	10

19 SQUADRONS
134 AIRCRAFT

TOTAL
385 OFFICERS
812 ENLISTED

1st & 2nd quarters FY94



DAY OF ARRIVAL	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	COL 9	COL 10	COL 11	COL 12	SHEET TOTAL
	Off Enl A/C												
1	VP-16		VFA-136	VF-101	VF-43	VFA-204							104 292 39
2	10 25 2		20 80 10	48 94 11	10 34 10	16 59 6							104 292 39
3	10 25 2		20 80 10	48 94 11	10 34 10	16 59 6							104 292 39
4	10 25 2		20 80 10	48 94 11	10 34 10	16 59 6							104 292 39
5	10 25 2		20 80 10	48 94 11	10 34 10	16 59 6							104 292 39
6	10 25 2		20 80 10	48 94 11	DEPART	16 59 6							94 258 29
7	10 25 2		DEPART	DEPART	DEPART	16 59 6							26 84 8
8	10 25 2					DEPART							10 25 2
9	10 25 2			VFA-106									10 25 2
10	10 25 2			20 80 10									30 105 12
11	10 25 2	VMFA-122	114 FG	20 80 10	NAMC								30 105 12
12	10 25 2	21 99 8	12 14 5	20 80 10	5 12 1								68 210 26
13	10 25 2	21 99 8	12 14 5	20 80 10	5 12 1								68 210 26
14	10 25 2	21 99 8	12 14 5	20 80 10	5 12 1								68 210 26
15	10 25 2	21 99 8	12 14 5	20 80 10	5 12 1								81 256 26
16	10 25 2	21 99 8	12 14 5	20 80 10	5 12 1								91 256 26
17	10 25 2	21 99 8	12 14 5	20 80 10	5 12 1								81 256 26
18	10 25 2	21 99 8	12 14 5	20 80 10	5 12 1								81 256 26
19	10 25 2	21 99 8	12 14 5	20 80 10	5 12 1								81 256 26
20	10 25 2	21 99 8	12 14 5	DEPART	5 12 1								61 126 16
21	VP-68	21 99 8	12 14 5		5 12 1	VP-93							51 151 14
22	10 25 2	DEPART	DEPART	VP-16	DEPART	20 50 3							43 101 5
23	10 25 2			5 12 1		20 50 3							48 113 6
24	10 25 2			5 12 1	NAMC	20 50 3							48 113 6
25	10 25 2			5 12 1		20 50 3							53 125 7
26	10 25 2			5 12 1		20 50 3							53 125 7
27	10 25 2			5 12 1		20 50 3							53 125 7
28	10 25 2			5 12 1		20 50 3							53 125 7
29	10 25 2			DEPART	5 12 1	20 50 3							48 113 6
30	10 25 2			5 12 1		20 50 3							48 113 6
31	10 25 2			5 12 1		20 50 3							48 113 6



DAY OF ARRIVAL	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	COL 9	COL 10	COL 11	COL 12	SHEET TOTAL
	Off Enl A/C	Off Enl A/C	Off Enl A/C	Off Enl A/C	Off Enl A/C	Off Enl A/C	Off Enl A/C	Off Enl A/C					
1	15 45 2		13 26 0	11 ADA	NAVC	VP-93							48 121 5
2	15 45 2		13 26 0	****DEPART****		20 50 3							48 121 5
3	15 45 2		13 26 0		WF-43	****DEPART****							28 11 2
4	15 45 2		13 26 0	WF-101	6 12 4								34 83 6
5	****DEPART****		13 26 0	48 94 12	6 12 4			WFH-203					87 137 16
6	VP-92		13 26 0	48 94 12	6 12 4								84 213 24
7	15 45 2		13 26 0	48 94 12	6 12 4								99 258 26
8	15 45 2		13 26 0	48 94 12	6 12 4								99 258 26
9	15 45 2		13 26 0	48 94 12	6 12 4								99 258 26
10	15 45 2		13 26 0	48 94 12	6 12 4								99 258 26
11	15 45 2		13 26 0	48 94 12	6 12 4								99 258 26
12	15 45 2	VFA-106	13 26 0	48 94 12	6 12 4								99 258 26
13	15 45 2	20 80 10	13 26 0	48 94 12	6 12 4								119 338 36
14	15 45 2	20 80 10	13 26 0	48 94 12	6 12 4								119 338 36
15	15 45 2	20 80 10	****DEPART****	48 94 12	6 12 4								106 312 16
16	15 45 2	20 80 10		48 94 12	6 12 4		LEFT CLANT	17 81 8					106 312 16
17	15 45 2	20 80 10		48 94 12	6 12 4			17 81 8					107 314 16
18	15 45 2	20 80 10		48 94 12	6 12 4			17 81 8					107 314 16
19	15 45 2	20 80 10		48 94 12	6 12 4			17 81 8					107 314 16
20	****DEPART****	20 80 10		48 94 12	6 12 4			17 81 8					92 269 14
21		20 80 10	****DEPART****	****DEPART****	****DEPART****			2 60 0	****DEPART****				22 140 10
22		20 80 10						2 60 0					22 140 10
23		20 60 10						2 60 0					22 140 10
24		****DEPART****						2 60 0					2 60 0
25								2 60 0					2 60 0
26								2 60 0					2 60 0
27								2 60 0					2 60 0
28		VFA-31						2 60 0					2 60 0
29	700 AS	20 80 10						2 60 0					22 140 10
30	5 6 1	20 80 10						2 60 0					27 146 11

****NEXT MONTH****

****NEXT MONTH****



DAY OF	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	COL 9	COL 10	COL 11	COL 12	SHEET TOTAL
ARRIVAL	Off Enl A/C	Off-Enl A/C											
1		5 60 0	5 6 1	20 80 9									28 166 10
2		6 72 2	DEPART	20 80 9									26 152 11
3		6 72 2		20 80 9									26 152 11
4		6 72 2		20 80 9	WFA-321	WFA-131	20 52 8	WAM-126					46 204 19
5		6 72 2		20 80 9	20 60 8	18 60 9	20 52 8	11 25 2					95 349 38
6		6 72 2		20 60 9	20 60 8	18 60 9	20 52 8	11 25 2					95 349 38
7		6 72 2		20 60 9	20 60 8	18 60 9	20 52 8	11 25 2					55 349 38
8		DEPART	H5-75	20 80 9	20 60 8	18 60 9	20 52 8	11 25 2					89 277 36
9			8 28 4	20 80 9	20 60 8	18 60 9	20 52 8	11 25 2					97 305 40
10			8 28 4	20 60 9	20 60 8	18 60 9	20 52 8	11 25 2					97 305 40
11	COMPANING		DEPART	20 60 9	DEPART	DEPART	DEPART	DEPART					31 105 11
12	15 45 2			20 80 9									46 150 13
13	15 45 2			20 80 9									46 150 13
14	15 45 2		DEPART					DEPART					15 45 2
15	15 45 2							DEPART					15 45 2
16	15 45 2												15 45 2
17	15 45 2												15 45 2
18	15 45 2												15 45 2
19	15 45 2												15 45 2
20	15 45 2												15 45 2
21	15 45 2												15 45 2
22	15 45 2												15 45 2
23	15 45 2												15 45 2
24	15 45 2												15 45 2
25	15 45 2												15 45 2
26	15 45 2												15 45 2
27	15 45 2												15 45 2
28	15 45 2												15 45 2
29	15 45 2												15 45 2
30	15 45 2												15 45 2
31	15 45 2												15 45 2

2/2/94
8:59 AM

MKS WEST DEPLOYMENT SCHEDULE
JANUARY 1994



DAY OF ARRIVAL	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	COL 9	COL 10	COL 11	COL 12	SHEET TOTAL
011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C	011 Enl A/C
1													0
2													0
3			VF-101	VF-43					CNSM06				0
4			43 07 11 15 57 8						5 20 0				5 20 0
5			43 07 11 15 57 8						5 20 0				5 20 0
6			43 07 11 15 57 8						5 20 0				5 20 0
7			43 07 11 15 57 8		WFA-106				5 20 0				5 20 0
8			43 07 11 15 57 8						5 20 0				5 20 0
9			43 07 11 15 57 8						5 20 0				5 20 0
10			43 07 11 15 57 8						5 20 0				5 20 0
11			43 07 11 15 57 8						5 20 0				5 20 0
12			43 07 11 15 57 8						5 20 0				5 20 0
13			43 07 11 15 57 8						5 20 0				5 20 0
14			43 07 11 15 57 8						5 20 0				5 20 0
15			43 07 11 15 57 8						5 20 0				5 20 0
16			43 07 11 15 57 8						5 20 0				5 20 0
17			43 07 11 15 57 8						5 20 0				5 20 0
18			43 07 11 15 57 8						5 20 0				5 20 0
19			43 07 11 15 57 8						5 20 0				5 20 0
20			43 07 11 15 57 8						5 20 0				5 20 0
21			43 07 11 15 57 8						5 20 0				5 20 0
22		SIANG	SOANG		CNATRA	WFA-105	HC-2	224 M1	MUSU-2				7 19 0
23		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						177 274 71
24		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						197 313 87
25		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						201 325 82
26		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						201 325 84
27		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						201 323 84
28		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						201 323 84
29		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						194 321 77
30		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						60 206 27
31		12 24 6 8 15 6	130 105 49	22 100 10	8 20 2	10 30 10	7 19 0						



DEPLOYMENT SCHEDULE

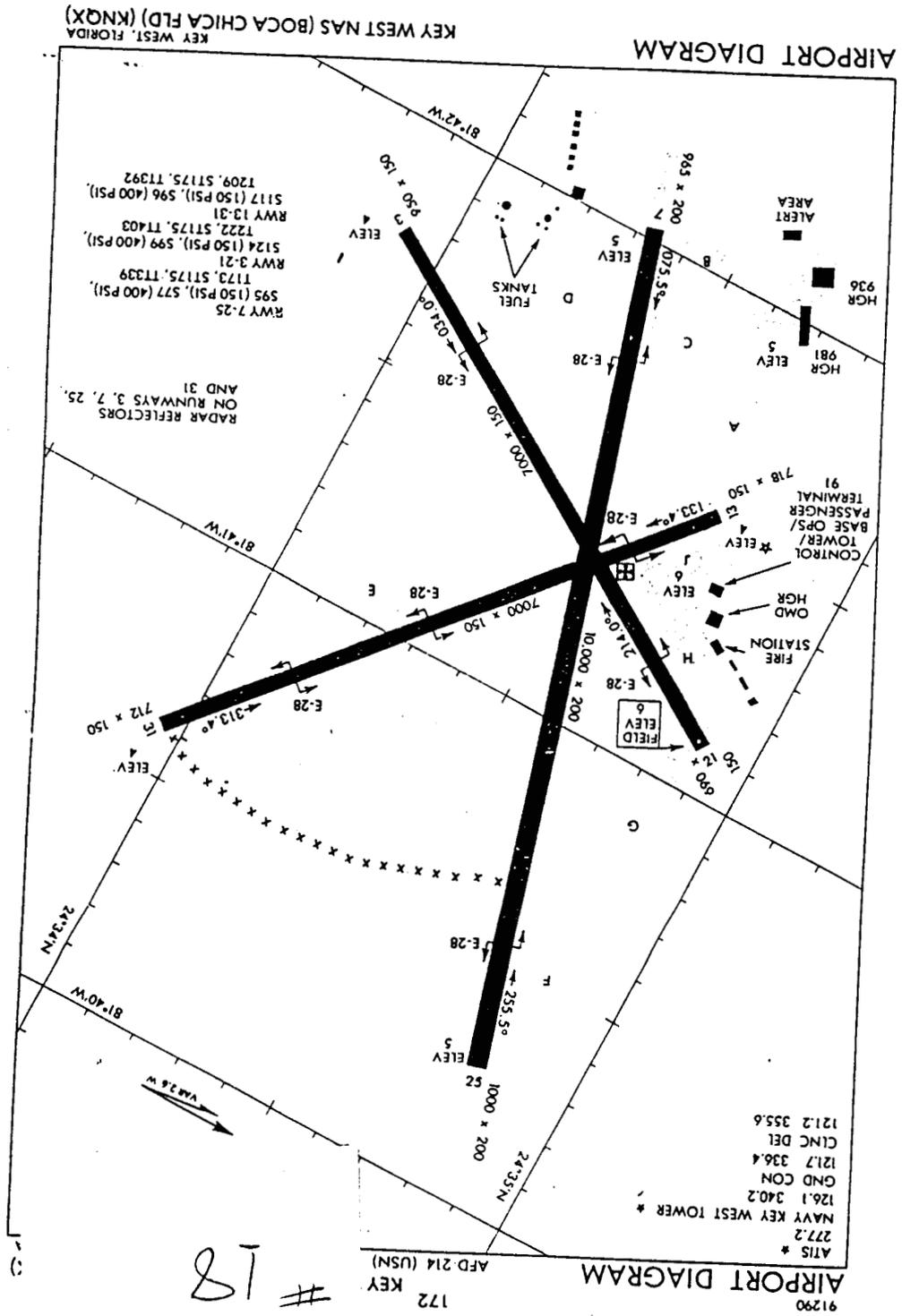
ARRIVAL	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	TOTALS
DATE	OFF ENL A/C												
1	224 MI	MSU-2	VP-64	VFA-105		VT-23							100 212 39
2	10 20 8	5 23 0	13 27 2	22 100 10		50 42 18							100 212 39
3	10 20 8	5 23 0	13 27 2	22 100 10		50 42 18							100 212 39
4	10 20 8	5 23 0	13 27 2	22 100 10		50 42 18							100 212 39
5	10 20 8	5 23 0	13 27 2	22 100 10		50 42 18							100 212 39
6	10 20 8	*DEPART*	13 27 2	*DEPART*		50 42 18							73 99 28
7	10 20 8		13 27 2			50 42 18							73 89 28
8	10 20 8		13 27 2			50 42 18							77 89 29
9	10 20 8		13 27 2			50 42 18							77 99 29
10	10 20 8		13 27 2			50 42 18							77 99 29
11	10 20 8		13 27 2			*DEPART*							27 47 11
12	10 20 8	VFA-115	13 27 2	OND TALLAS	VP-202								83 235 32
13	10 20 8	3 10 3	13 27 2	4 26 4	23 75 6								83 235 32
14	10 20 8	3 10 3	13 27 2	4 26 4	23 75 6								89 255 30
15	*DEPART*	3 10 3	13 27 2	4 26 4	23 75 6								79 235 31
16	3 10 3	3 10 3	13 27 2	4 26 4	23 75 6								78 235 31
17	3 10 3	3 10 3	13 27 2	4 26 4	23 75 6								78 235 31
18	3 10 3	3 10 3	13 27 2	4 26 4	23 75 6								74 235 30
19	*DEPART*	13 27 2	*DEPART*	4 26 4	*DEPART*								50 138 21
20													33 25 15
21													20 69 10
22													20 69 10
23													20 69 10
24													0 0 0
25	166-AG												0 0 0
26	24 36 1												24 36 1
27	24 36 1												24 36 1
28	*DEPART*												0 0 0
29													0 0 0
30													0 0 0
31													0 0 0



DEPLOYMENT SCHEDULE

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	TOTALS
	OFF ENL A/C												
1	VF-43	VF-101	LFGCLANT	28-BS	HAW-261		VAW-120	SWW-2	VF-14	VF-93		VFA-146	89 260 32
2	12 40 10	45 87 11	8 72 2	4 2 1	5 9 2		15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	76 179 29
3	12 40 10	45 87 11	*DEPART*	4 2 1	*DEPART*		15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	73 189 28
4	12 40 10	45 87 11		4 2 1			15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	62 147 17
5	*DEPART*	45 87 11	VFA-142	*DEPART*			15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	126 387 36
6		45 87 11	20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	146 457 44
7		45 87 11	20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	146 627 44
8		45 87 11	20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	105 332 35
9		*DEPART*	20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	90 332 29
10			20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	86 330 27
11			20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	84 320 27
12			20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	84 320 27
13			20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	89 359 27
14	STF-RENO		20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	219 459 85
15	5 49 0		20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	229 479 97
16	5 49 0		20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	214 418 79
17	5 49 0		20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	194 399 71
18	5 49 0		20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	150 179 62
19	5 49 0		20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	190 248 68
20	5 49 0		20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	186 242 67
21	5 49 0		20 80 10				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	186 242 67
22	5 49 0	VP-8	130 90 58				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	181 223 65
23	5 49 0	6 14 1	130 90 58				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	203 251 71
24	5 49 0	6 14 1	130 90 58				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	51 133 7
25	5 49 0	6 14 1	130 90 58				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	49 70 6
26	5 49 0	6 14 1	63-ABS				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	49 70 6
27	5 49 0	6 14 1	130 90 58				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	49 70 6
28	5 49 0	6 14 1	130 90 58				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	40 70 6
29	*DEPART*	*DEPART*	*DEPART*				15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	40 70 6
30							15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	40 70 6
31							15 50 6	2 10 0	20 60 5	12 50 2		20 60 8	40 70 6

Key West DC38 Q #18
 VIC: 00213





B-274 AIRPORT/FACILITY DIRECTORY

1 **NAVY KEY WEST NAS, (BOCA CHICA FLD) FL O KNQX N 24°34.6'N 81°41.3'W 6 UTC-5(-4DT)**

H-5E, L-19D

(B) RWY-03 L6,13 (7000x150 ASP S124/150PSI S99/400PSI T222 ST175 TT403) L6,13 RWY-21
E-28(B) (1500') E-28(B) (1200')
RWY-07 L6,7,8,13 (10,000x200 ASP S95/150PSI S77/400PSI T173 ST175 TT339) L6,13 RWY-25
E-28(B) (1530') E-28(B) (1500')
RWY-13 L6,13 (7000x150 ASP S117/150PSI S96/400PSI T209 ST175 TT392) L6,13 RWY-31
E-28(B) (1135') E-28(B) (3450') E-28(B) (1500')

SERVICE - A-GEAR - All E-28(B) short fld A-Gear in raised posn. Exc short fld A-Gear duty rwy derigged. JASU - (NC-8A) (NCP-105) FUEL - Avbl 1100-0300Z + +. 115, J5, O-128-156 SP PRESAIR LHOX LOX. TRAN ALERT - Extv delay tran svcg. Ltd tran maint avbl 1200-2100Z + + Mon-Fri.

REMARKS - Opr 1200-0300Z + +. Base OPS and ATC not manned outside of publ opr hr. RSTD - PPR exc NALO msn V483-2773 1300-2100Z + + wkld, V483-2769 Sat, Sun and hol. PPR subject cnl due msn acft, ltd OPS prk. PPR can be sked 2 wk prior arr. **CAUTION -** Acft not vis fr twr, E of crash barn or W of fleet hgr. **TFC PAT -** Ints civ VFR tlc NE thru NW sctr Key West NAS orpl tlc area. Reduced rwy separation std in eff USN/USMC acft. **NS ABTMT -** Pro in eff. **CSTMS/AG/IMG -** Avbl 1300-2200Z + + wkld exc Sat, Sun and hol. Acft req inspections ctc Navy Key West Base OPS 1 hr prior arr. **MISC -** Copter ldg Trumbo Pt ctc Navy Key West OPS 15 min prior to ETA. See FLIP AP/1 Supplementary Arpl Rmk. Tethered Aerostat Radar System (TARS), opr cont up to 14,000' in R-2916 at Cudjoe Key (14 NM NE Key West). See FLIP AP/1 and AP/1A for details. Classified material stor not avbl Base OPS.

COMMUNICATIONS - SFA ATIS - 277.2 FSS-MIAMI MIA-NOTAM MIA NAVY KEY WEST APP/DEP CON - (R) Opr 1100-0300Z + +, OT ctc MIAMI CENTER 132.2 323.1. (E) 124.45 289.4 NAVY KEY WEST TWR - (E) 126.1 340.2 360.2 305.2 GND CON - 121.7 336.4 VFR ADVSY SVC - Ctc NAVY KEY WEST APP CON 119.25 313.2 CLNC DEL - 121.2 355.6 NAVY KEY WEST OPS - 338.0 PMSV: METRO - PMSV avbl 1030-2230Z + +. 344.6 **NAVAIDS - VORTAC - (H) 113.5 EYW CH 82 24°35.2'N 81°48.0'W 097° 5.5 NM to Fld. 10/1°00'E HIWAS TACAN - (H) NQX CH 29 24°34.8'N 81°40.9'W At Fld. 16/2°00'W Ident removed 0300-1200Z + +.**

ILS/RADAR - RADAR - SEE TERMINAL FLIP FOR RADAR MINIMA.

NASKey West
 Figure 8
 Comparison of Contours
 — Current Ldn Contours
 - - - 1980 Ldn Contours
 SCALE IN FEET
 0 2000 4000
 HARRIS MILLER MILLER & HANSON INC.
 1990 NOISE SURVEY
 NORTH

30



Figure C-9
Land Use Within the AICUZ

LAND USE

RESIDENTIAL	
RC	Residential Conservation
RL	Residential Low
RM	Residential Medium
RH	Residential High
COMMERCIAL	
MC	Mixed Use-Commercial
MCF	Mixed Use-Commercial Fishing
OTHER	
I	Industrial
A	Agriculture
INS	Institutional
E	Education
PB	Public Buildings/Grounds
PF	Public Facilities
M	Military
R	Recreation
C	Conservation
	Incorporated Cities
	Community Center Overlay
	Historic District Overlay
	Regulated Conservation Overlay

1992 UPDATE

MASTER PLAN

NAS Key West

Key West, Florida

SOUTHERN DIVISION NAVAL FACILITIES
ENGINEERING COMMAND

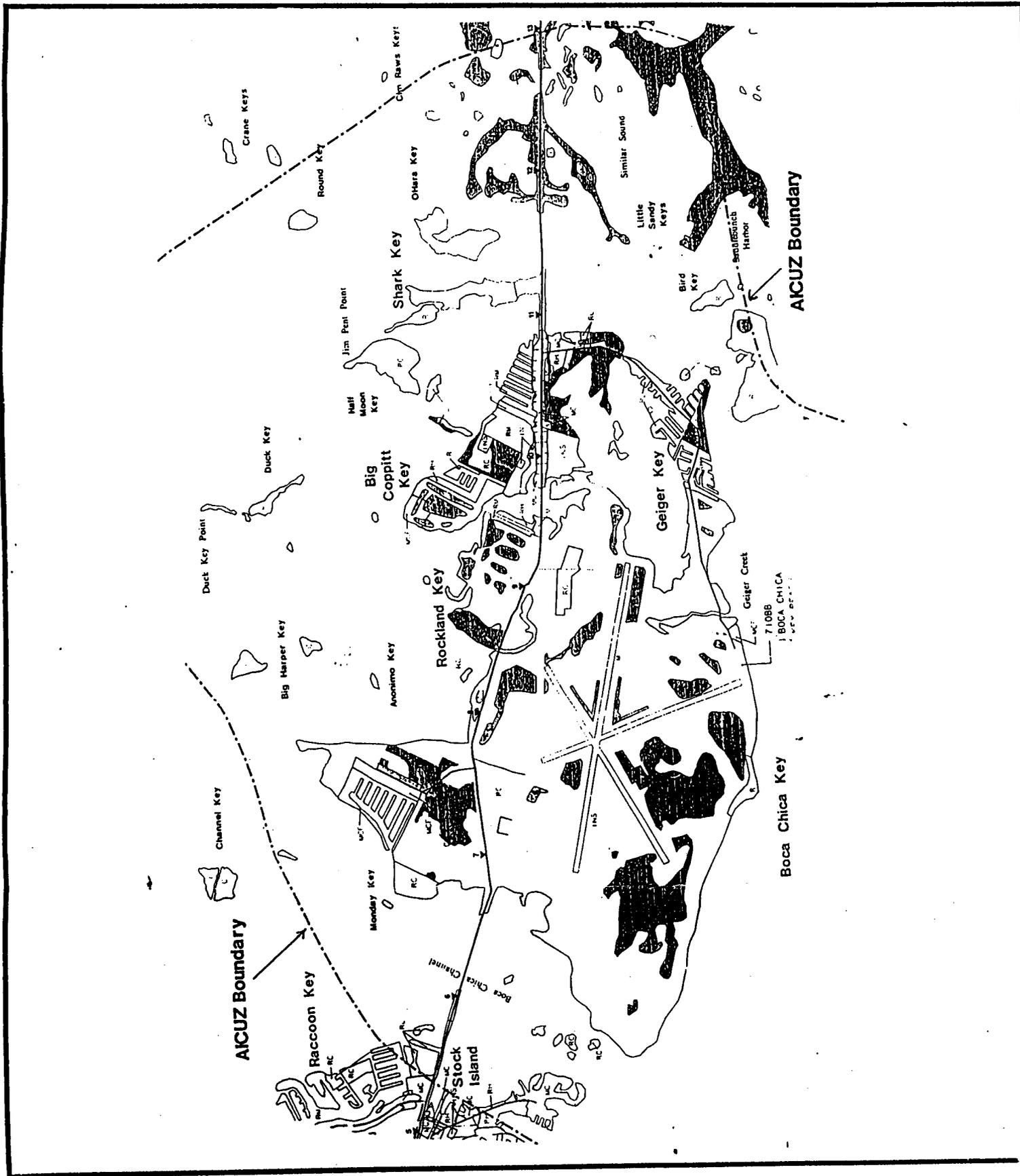
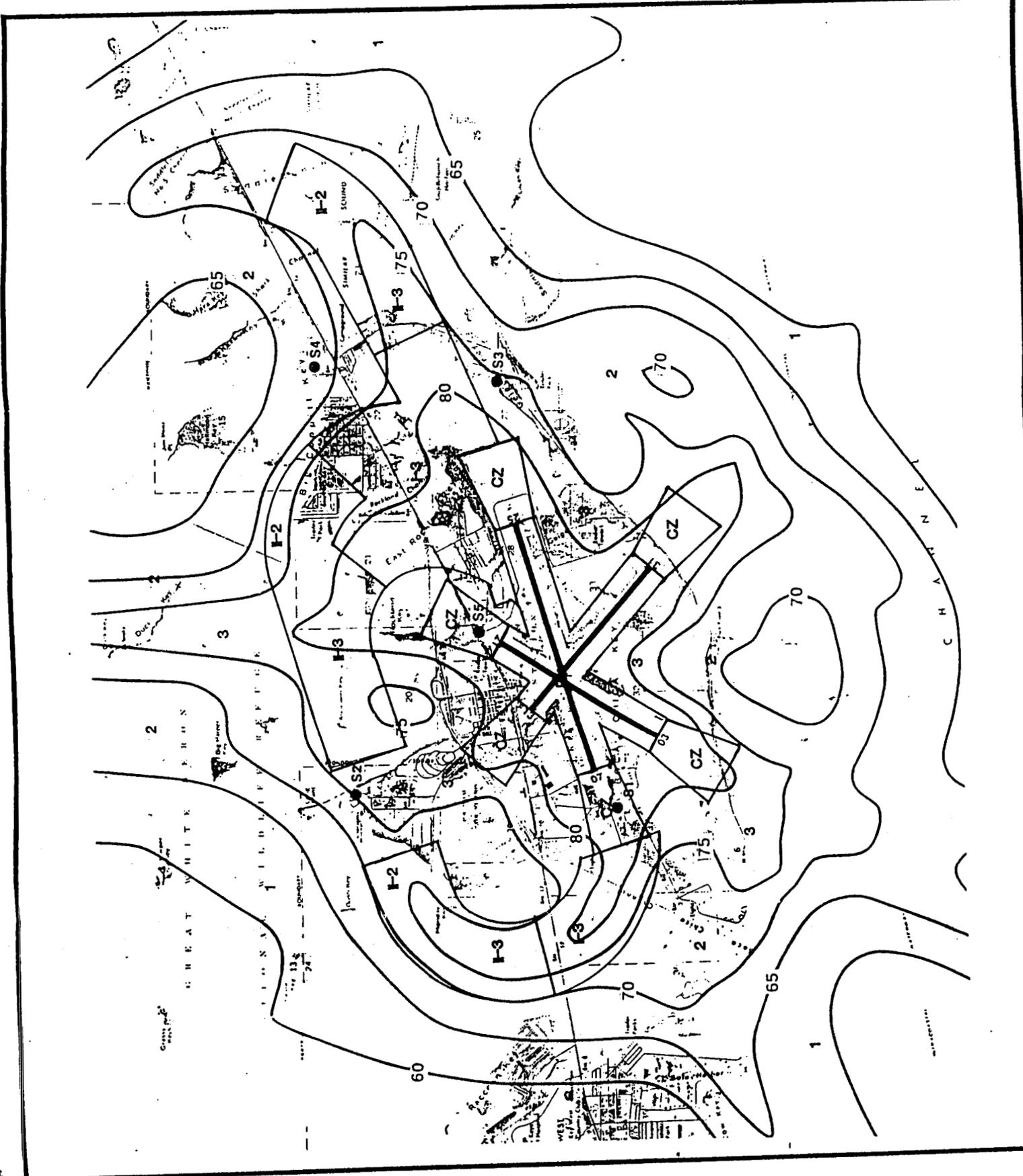


Figure C-8
Composite AICUZ Footprint

- RW Runway
- CZ Clear Zone
- I-3 Accident Potential Zone I and Noise Zone 3
- I-2 Accident Potential Zone I and Noise Zone 2
- II-3 Accident Potential Zone II and Noise Zone 3
- II-2 Accident Potential Zone II and Noise Zone 2
- I Accident Potential Zone I (No Noise Zone)
- II Accident Potential Zone II (No Noise Zone)
- 3 Noise Zone 3 - High Noise Impact Zone (No Accident Potential Zone)
- 2 Noise Zone 2 - Moderate Noise Impact Zone (No Accident Potential Zone)
- 1 Noise Zone 1 - Low Noise Impact Zone (No Accident Potential Zone)

1992 UPDATE



MASTER PLAN

NAS Key West

Key West, Florida

SOUTHERN DIVISION NAVAL FACILITIES
ENGINEERING COMMAND

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.M. MUNNINGHOFF
NAME (Please type or print)

COMMANDING OFFICER
Title

NAVAL AIR STATION, KEY WEST, FL
Activity

Signature 
Date 3 June 94

NAS KEY WEST UIC 00213
DATA CALL THIRTY-EIGHT

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)

J. W. CRAINE, JR.

NAME (Please type or print)

J. W. Craine Jr
Signature

Captain

Title Commander

7/28/94
Date

Naval Shore Activities

U.S. Atlantic Fleet

Activity

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

MAJOR CLAIMANT LEVEL

H. H. MAUZ, JR.

NAME (Please type or print)

H. H. Mauz Jr
Signature

Admiral

Title Commander in Chief

7/29/94
Date

U.S. Atlantic Fleet

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)

J. B. Greene Jr
Signature

ACTING

Title

17 AUG 1994
Date