DCN 1523

MILITARY VALUE:
DATA CALL WORK SHEET FOR
ADMINISTRATIVE ACTIVITY: Bureau of Naval Personnel
ACTIVITY UIC: Primary BUPERS: 62980 and various others

Category . . . . . Personnel Support
Sub-category . . . . . Administrative Activity

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

Enclosure (2)

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

TABLE OF CONTENTS

I. MISSION REQUIREMENTS 1

1. Mission statement 1

2. Client/customer base 1
3. Work breakdown structure 1

II. FACILITIES 4

4. Facilities Description. 4
5. Required improvements 6
6. Impact of facilities condition 8

MILITARY VALUE

III. LOCATION 11

7. Geographic location 11
8. Manpower and recruiting issues 11

IV. Features and Capabilities 12

9. Computation/data processing assets. 12
10. Mobilization and expansion capability 13

V. Quality of life 16

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

In responding to questions in this data call, assume previous BRAC closures and realignments are implemented on schedule.

I. MISSION REQUIREMENTS

1. Mission statement. State the mission of this organization in sufficient detail that it can be distinguished from other organizations providing administrative support. Relate this expression of mission to the impact on that mission if the activity were to be relocated.

- Conduct review and oversight of the Command Evaluation, Internal Control, and audit liaison/follow-up programs for the claimancy.

- Budgets, accounts, and reports for programs assigned and controls obligations and expenditures of appropriated funds allocated to finance approved programs.

- Administers the advancement, retirement, separation, and distribution of Regular and Reserve Navy personnel.

- Maintains the Navy's total force manpower requirements and authorization systems and personnel management information system for the Navy.

- Sponsors the Navy's Quality of Life Program.

- Advises CNO on military compensation policy, pay entitlement, and travel reimbursement matters.

- Manages the total force manpower requirements and Navy end strength accounting and billet quality.

- Formulates military personnel policies and plans necessary to implement Navy's mobilizations plans.

- Maintains records of service of active Navy personnel.

- Administers the central-nonappropriated funds available for the welfare and recreation of Navy personnel.

UIC: Primary 62980 and various others

- Administers those functions prescribed by law involving benefits for Navy personnel and their dependents.

- Prepares, revises, and publishes U.S. Navy Uniform Regulations and the Register of Commissioned and Warrant Officers of the U.S. Navy. Jointly with the Comptroller of the Navy (NAVCOMPT) and the Commandant of the Marine Corps (CMC) prepares and revises Navy travel instructions and such other publications necessary for the proper administration of personnel.

- Administers selection boards to consider permanent commissioned officers on the active duty lists of the Navy permanent promotion to the next higher grade, for continuation, and for selective early retirement; and selection boards for promotions of officers of the Naval Reserve not on the active duty list.

- Administers personnel management actions in support of the Navy Disability Evaluation System.

- Provides administrative and technical guidance for certain personnel related functions performed Navy-wide, except as otherwise prescribed by the CNO, such as:
  - Armed Forces leave program for the Navy
  - Morale, welfare, and recreation activities
  - Transportation of Navy personnel and their dependents
  - Determining habitability and occupancy criteria for bachelor housing
  - Performance, discipline, and separation
  - Operation of naval places of confinement
  - Implementation and management of programs for improved human relation/human resource management

- Manages personnel manning for activities, commands , and programs administered by BUPERS or which may be assigned by the CNO.

- Provides professional, technical, and administrative support to the office of the Chief of Chaplains.

- Manages the research effort for manpower, personnel, and training programs.

- Maintains and administers an effective and efficient structure of officer and enlisted classifications to provide a sound basis for manpower and personnel management and administration in the Navy.

UIC: Primary 62980 and various others

- Assists the CNO, Naval Facilities Engineering Command, and other major claimants in the planning and programming of personnel support facilities.

2. **Client/customer base.** In the table below indicate the top five clients/customers in terms of direct man-years of support provided by this activity and indicate the percentage of the activity's resources that are directed to that client or customer.

Ltr. code	Client/customer	Client location	Percent resources
A.	Navy personnel and commands	Worldwide	85
B.	OPNAV/OSD/JSC/CINCS Staffs	Worldwide	10
C.	Navy Secretariat	Washington, D.C.	5
D.			
E.			

3. **Work breakdown structure.** The work breakdown structure provided in the following table is a modified version of the breakdown structure obtained from the Defense Regional Interservice Support (DRIS) Program. Indicate space, desktop computers, and personnel allocated to these functions. The total row at the bottom of the table should account for all resources.

This table reflects BUPERS, NMPS, MWRTU and NAVMAC only in their current facilities. Numbers reflect both appropriated fund and non-appropriated fund employees.

Function	Space allocated (KSF)	Desktop computers allocated	Civilian personnel positions	Contract work-years	Off. bil.	Enlisted billets
Management	107	484	236		108	140
Comptroller	4	32	18		12	2
Human Resources						
Administrative services	425	1738	940	374	419	556

UIC: Primary 62980 and various others

Function	Space allocated (KSF)	Desktop computers allocated	Civilian personnel positions	Contract work-years	Off. bil.	Enlisted billets
Audio/visual services						
Automated data processing/automation services	10	44	12	13	5	12
Civilian personnel services						
Clubs						
Communication services						
Community support services						
Confinement and detention centers						
Custodial services						
Education services						
Engineering support						
Equipment operation, maintenance, and repair						
Facilities and real property support						
Facility maintenance and repair						
Finance and accounting						
Food services						

UIC: Primary 62980 and various others

Function	Space allocated (KSF)	Desktop computers allocated	Civilian personnel positions	Contract work-years	Off. bil.	Enlisted billets
Health services						
Housing and lodging services						
Information services						
Installation retail supply and storage operations						
Legal services						
Military personnel support						
Mobilization support						
Mortuary services						
Printing and reproduction						
Purchasing and contracting services						
Resource management						
Training services						
Transportation services						
Weather service						
Other support	37	20	40			
TOTALS	583	2318	1246	387	544	710

UIC: Primary 62980 and various others

Provide a description of any other support provided.

Other support reflects space for the Morale, Welfare & Recreation Training Unit and pieces of the Navy Motion Picture Service. These spaces comprise a variety of functions such as instructional kitchen, instructional theatre, reproduction center, ect.

BUPERS considers space for the Military Personnel Records System (MPRS) as Administrative service. However, when the new Electronic Military Records System (EMPRS) is implemented, this space will more accurately be ADP services.

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

II. FACILITIES

4. Facilities Description. This section reflects BUPERS, NMPS, MWRTU and NAVMAC in their current facilities.

a. Government-Owned Facilities. In the following table, indicate the space available, average age, and condition for each building type.

Building type	NAVFAC (P-80) category code	Government-Owned				
		Avg. age	Installation space (KSF)			
			Ade-quate	Sub-stand ard	In-ade-quate	Total
Admin. office	610-10	53	471			471
Automatic data processing installation	610-20	53	10			10
Legal services	610-40					
Admin storage	610-77					
Underground administrati ve office	620-10					
Underground ADP installation	620-20					
Underground admin storage	620-77					
All other		18	32			32
Total			513			513

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

b. **Leased space.** In the following table, provide information for leased space.

Type of space	Bldg name	Address	KSF	Lease Exp Date	Cost to DON for lease cost per Sq. Ft.
Admin office	Crossways 1	1445 Crossways Blvd. Chesapeake, VA 23320-2840	31	Sep 98	15.20
	Main Admin Building	270 Main St. New Rochelle, NY	34	2042	0
(ADP) installation					
Legal services					
Admin storage					
Underground admin office					
Underground ADP installation					

UIC: Primary 62980 and various others

Underground admin storage					
All other	Main Admin Building	270 Main St. New Rochelle, NY	4	2042	0
Total			70		15.20

UIC: Primary 62980 and various others

4A. Facilities Description. This section reflects NSA Memphis.

a. Government-Owned Facilities. In the following table, indicate the space available, average age, and condition for each building type.

Building type	NAVFAC (P-80) category code	Government-Owned				
		Avg. age	Installation space (KSF)			
			Ade-quate	Sub-stand ard	In-ade-quate	Total
Admin. office	610-10	46	84	61	209	354
Automatic data processing installation	610-20					
Legal services	610-40	7	13*			13*
Admin storage	610-77					
Underground administrati ve office	620-10					
Underground ADP installation	620-20					

UIC: Primary 62980 and various others

Underground admin storage	620-77					
All other						
Total			97	61	209	367

* Provided by NLSO (Non-NSA Activity)

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

b. **Leased space.** In the following table, provide information for leased space.

Type of space	Bldg name	Address	KSF	Lease Exp Date	Cost to DON for lease cost per Sq. Ft.
Admin office	C-1 (CNTT HQ) **	Bldg C-1, NAS Memphis	62	2 Nov 2009	9.40
(ADP) installation					
Legal services					
Admin storage					
Underground admin office					
Underground ADP installation					
Underground admin storage					
All other					

UIC: Primary 62980 and various others

Total			62		9.40

** This facility will be taken over by BUPERS when the relocation occurs.

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

5. Required improvements. In the following table, indicate **programmed improvements** by cost and by building types for this activity.

Building type	**NAVFAC (P-80) category code**	**Programmed ($K)**	
		MILCON	**O&M**
Administrative office	610-10	52,912 *	
Automatic data processing installation	610-20		
Legal services	610-40		
Admin storage	610-77		
Underground administrative office	620-10		
Underground automatic data processing installation	620-20		
Underground admin storage	620-77		
All other			
Total		52,912	

* Projects P-320T thru P-326T for building modifications and telephone system upgrade to support BUPERS realignment.

Provide a descriptive assessment of the repairs and improvements purchased with these funds. Certified DD 1391's are included on the following pages.

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. W. HEINES
NAME (Please type or print)

Deborah W. Heines
Signature

Acting Director/Comptroller
Title

13 June 1994
Date

Bureau of Naval Personnel
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) | Signature

Title | Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) | Signature

Title | Date

Activity

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER, VADM
NAME (Please type or print)

Signature

Chief of Naval Personnel
Title

04 JUN 1994
Date

Bureau of Naval Personnel
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

08 JUL 1994
Date

Document Separator

Primary UIC: 00022

DATA CALL 1: GENERAL INSTALLATION INFORMATION

1. ACTIVITY: Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	*Bureau of Naval Personnel*
Acronym(s) used in correspondence	*BUPERS*
Commonly accepted short title(s)	*BUPERS*

- Complete Mailing Address

Bureau of Naval Personnel
2 Navy Annex
Washington DC 20370-0000

- PLADS BUPERS WASHINGTON
  CHNAVPERS WASHINGTON

- PRIMARY UIC: 00022 (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): 62980 PURPOSE: BUPERS FIELD COMP

33401	MGT IMPROVMENT PROJECT
35391	MUSIC PROGRAM
39329	NAVAL RESERVE MGT
41565	FMS
44463	NEUT DUTY COMPONENT

Primary UIC: 00022

47553	SDS NEUT DUTY COMP
48621	FAMILY SUPP PROGRAM
32792	NAVAL RESERVE MGT
41478	MUSIC PROGRAM
49115	FAMILY ADVOCACY
49116	CHILD DEVELOPMENT
49117	RELOCATION ASSISTANCE
49118	TRANSITION ASSISTANCE

The following activities are part of BUPERS, but are located outside the National Capitol Region. Their location is key to the function they perform and would not be considered part of any BUPERS relocation. The manpower for these UICs are not included in question #10.

60129	PCSVAC, CLEVELAND, OH
48522	PAC USER SUPPT
48523	SDS USER ASST
48524	LANT USER SUPPT
49268	COMPONENT NEW ORLEANS
64369	RECORDS CTR ST. LOUIS
47891	DEFENSE MPWR MONTEREY

The following activities are under BUPERS management for administrative purposes only. BUPERS does not own these activities, however, the manpower associated falls under this claimancy. The manpower numbers for these activities are not included in question #10.

32999	SEA DUTY COMPONENT
47972	FLD SUPPT SEA DUTY COMP
46043	DEFENCE LIAISON

Primary UIC: 00022

2. PLANT ACCOUNT HOLDER:

- Yes _____ No _X_____ (check one)

Primary UIC: 00022

3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• HOST COMMAND: A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes ____ No X___ (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 X___ No ____ (check one)

• Primary Host (current) UIC: 42466___

• Primary Host (as of 01 Oct 1995) UIC: 42466___

• Primary Host (as of 01 Oct 2001) UIC: 00639___

• 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)

Primary UIC: 00022

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.

**** IN RESPONDING TO THIS QUESTION, BUPERS CONSIDERS THOSE UIC'S LOCATED IN THE NAVY ANNEX (FOB #2) AND WASHINGTON NAVY YARD BLDG #36 TO BE LOCATED ON OR CONTIGUOUS TO THE MAIN COMPLEX. BOTH THESE FACILITIES ARE LEASED FROM WASHINGTON HEADQUARTERS SERVICE.**

Name	Location	UIC
PERSONNEL RECORDS CENTER	ST. LOUIS, MO	64369
PERMANENT CHANGE OF STATION VARIANCE COMPONENT	CLEVELAND, OH	60129
NEW ORLEANS COMPONENT	NEW ORLEANS, LA	49268
SDS AFLOAT FLEET SUPPORT SECTION, SAN DIEGO	SAN DIEGO, CA	48522
SDS AFLOAT FLEET SUPPORT SECTION, NORFOLK	NORFOLK, VA	48524
SDS USER ASSISTANCE TRAINING SECTION	NORFOLK, VA	48523
NAVAL MILITARY PERSONNEL COMMAND DEFENSE MANPOWER CENTER	MONTEREY, CA	47891
NAVY MORALE, WELFARE & RECREATION TRAINING UNIT	PATUXENT RIVER, MD	66133
DRUG & ALCOHOL PROGRAM MANAGEMENT ACTIVITY	SAN DIEGO, CA	68482
NAVY MOTION PICTURE SERVICE ***	NEW ROCHELLE, NY	66398

*** CURRENTLY AN ECHELON 3 ACTIVITY, BUT IS RELOCATING TO MEMPHIS WITH BUPERS AS DIRECTED BY BRAC-93.

Primary UIC: 00022

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
DRUG & ALCOHOL PROGRAM MANAGEMENT ACTIVITY	68482	SAN DIEGO, CA	NAVSTA SAN DIEGO	00245
NAVY MORALE, WELFARE & RECREATION TRAINING UNIT	66133	PATUXENT RIVER, MD	NAS PATUXENT RIVER	0428A
NAVY APPELATE LEAVE ACTIVITY	47315	WASHINGTON DC NAVY YARD BLDG 36	WASHINGTON HQ SERVICE	42466
NAVY OCCUPATION DEVELOPMENT & ANALYSIS CENTER	33381	WASHINGTON DC NAVY YARD BLDG 36	WASHINGTON HQ SERVICE	42466

**** THE MANPOWER ASSOCIATED WITH THESE DETACHMENTS (EXCEPT UIC 47315) WOULD RELOCATE WITH BUPERS IN ANY SCENARIO AND ARE INCLUDED IN THE MANPOWER NUMBERS IN QUESTION #10.

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

BRAC-93 directed the Bureau of Naval Personnel relocate to NAS Memphis and included the following activities:

- Navy Motion Picture Service, New Rochelle, NY
- Navy Morale Welfare & Recreation Training Unit, Patuxent River, MD
- Navy Manpower Analysis Center, Chesapeake, VA
- Navy Occupation Development & Analysis Center, Washington, DC

(With the exception of Navy Manpower Analysis Center, who is tasked to reply to this data call separately, these activities have been and will continue to be included in all BUPERS certified data concerning relocation.)

Primary UIC: 00022

Working in conjunction with Commander, Naval Facilities Engineering Command, Southern Division (SOUTHDIV) BUPERS has developed a plan for relocation commencing in January 1995 with completion in 1998. The architect and engineering firm Hnedak Bobo Group is contracted to design and implement this relocation. This firm has recently completed their second on site visit to BUPERS and will present their recommendations for building layouts by mid to late March 1994.

Primary UIC: 00022

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

- Conduct review and oversight of the Command Evaluation, Internal Control, and audit liaison/follow-up programs for the claimancy.

- Budgets, accounts, and reports for programs assigned and controls obligations and expenditures of appropriated funds allocated to finance approved programs.

- Administers the advancement, retirement, separation, and distribution of Regular and Reserve Navy personnel.

- Maintains the Navy's total force manpower requirements and authorization systems and personnel management information system for the Navy.

- Sponsors the Navy's Quality of Life Program.

- Advises CNO on military compensation policy, pay entitlement, and travel reimbursement matters.

- Manages the total force manpower requirements and Navy end strength accounting and billet quality.

- Formulates military personnel policies and plans necessary to implement Navy's mobilizations plans.

- Maintains records of service of active Navy personnel.

- Administers the central-nonappropriated funds available for the welfare and recreation of Navy personnel.

- Administers those functions prescribed by law involving benefits for Navy personnel and their dependents.

- Prepares, revises, and publishes U.S. Navy Uniform Regulations and the Register of Commissioned and Warrant Officers of the U.S. Navy. Jointly with the Comptroller of the Navy (NAVCOMPT) and the Commandant of the Marine Corps (CMC) prepares and revises Navy travel instructions and such other publications necessary for the proper

administration of personnel.

• Administers selection boards to consider permanent commissioned officers on the active duty lists of the Navy permanent promotion to the next higher grade, for continuation, and for selective early retirement; and selection boards for promotions of officers of the Naval Reserve not on the active duty list.

• Administers personnel management actions in support of the Navy Disability Evaluation System.

• Provides administrative and technical guidance for certain personnel related functions performed Navy-wide, except as otherwise prescribed by the CNO, such as:
- Armed Forces leave program for the Navy
- Morale, welfare, and recreation activities
- Transportation of Navy personnel and their dependents
- Determining habitability and occupancy criteria for bachelor housing
- Performance, discipline, and separation
- Operation of naval places of confinement
- Implementation and management of programs for improved human relation/human resource management

• Manages personnel manning for activities, commands , and programs administered by BUPERS or which may be assigned by the CNO.

• Provides professional, technical, and administrative support to the office of the Chief of Chaplains.

• Manages the research effort for manpower, personnel, and training programs.

• Maintains and administers an effective and efficient structure of officer and enlisted classifications to provide a sound basis for manpower and personnel management and administration in the Navy.

• Assists the CNO, Naval Facilities Engineering Command, and other major claimants in the planning and programming of personnel support facilities.

Projected Missions for FY 2001

• Same as current missions.

Primary UIC: 00022

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

- Administers the advancement, retirement, separation, and distribution of Regular and Reserve Navy personnel.

- Maintains the Navy's total force manpower requirements and authorization systems and personnel management information system for the Navy.

- Sponsors the Navy's Quality of Life Program.

- Manages the total force manpower requirements and Navy end strength accounting and billet quality.

- Maintains records of service of active Navy personnel.

- Administers the central-nonappropriated funds available for the welfare and recreation of Navy personnel.

- Administers selection boards to consider permanent commissioned officers on the active duty lists of the Navy permanent promotion to the next higher grade, for continuation, and for selective early retirement; and selection boards for promotions of officers of the Naval Reserve not on the active duty list.

- Advises CNO on military compensation policy, pay entitlement, and travel reimbursement matters.

- Formulates military personnel policies and plans necessary to implement Navy's mobilizations plans.

- Prepares, revises, and publishes U.S. Navy Uniform Regulations and the Register of Commissioned and Warrant Officers of the U.S. Navy.

- Administers personnel management actions in support of the Navy Disability Evaluation System.

- Manages the research effort for manpower, personnel, and training programs.

Primary UIC: 00022

- Maintains and administers an effective and efficient structure of officer and enlisted classifications to provide a sound basis for manpower and personnel management and administration in the Navy.

Projected Unique Missions for FY 2001

- Same as current unique missions.

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
CHIEF OF NAVAL OPERATIONS	00011

• Funding Source	UIC
BUREAU OF NAVAL PERSONNEL	00022

Primary UIC: 00022

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	530	833	988
• Tenants (total)	7	28	16

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	447	582	997
• Tenants (total)	8	28	16

* Projected Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	569	684	997
• Tenants (total)	8	28	16

*** THESE NUMBERS REFLECT APPROVED MANPOWER CHANGES THAT ARE NOT CURRENTLY REFLECTED IN THE FYDP AND MORE ACCURATELY REFLECT BUPERS AUTHORIZED MANPOWER.**

IN ADDITION TO THE MANPOWER REPORTED HERE, BUPERS HAS 112 (61 OFFICER, 51 ENLISTED) AUTHORIZED BILLETS THAT ARE ASSIGNED FROM OTHER COMMANDS AS ADDITIONAL DUTY TO THE BUREAU. IT IS CURRENTLY PLANNED TO TRANSFER THESE BILLETS TO BUPERS AS THE RELOCATION TO MEMPHIS TAKES PLACE. ALSO, BUPERS HAS 194 NON APPROPRIATED FUND POSITIONS THAT WILL RELOCATE TO MEMPHIS.

Primary UIC: 00022

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.

Title/Name	Office	Fax	Home
• CO/OIC	703-614-1101	703-697-8527	
Chief of Naval Personnel/ R. J. Zlatoper, VADM, USN			
• Duty Officer	703-614-3216		[N/A]
• CAPT. H.G. Fielding	703-614-1100	703-697-8527	703-264-9688
• Carol Dantley	703-614-3516	703-697-8527	301-864-6448
• LT R.T. Montgomery	703-614-3516	703-697-8527	703-486-9813
• Dorothy Reese	703-614-3516	703-697-8527	202-526-6982

Primary UIC: 00022

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
IPC BUPERS ARLINGTON* DAO-CL ARLINGTON VA	49566 DOD activity - no UIC	8 0	28 0	11 5

*AS PART OF BRAC-93 DECISIONS CONCERNING DEFENSE INFORMATION SYSTEMS AGENCY, THIS ACTIVITY WILL RELOCATE TO CHAMBERSBURG, PA IN FY 1995.

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Not applicable				

- 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
Not applicable					

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
Not applicable					

Primary UIC: 00022

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
Not applicable		

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

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

QUESTION #14 IS NOT APPLICABLE TO BUPERS.

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

R. J. ZLATOPER, VADM
NAME (Please type or print)

Signature

CHIEF OF NAVAL PERSONNEL
Title

18 FEB 1994
Date

BUREAU OF NAVAL PERSONNEL
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)

Signature

Deputy Chief of Naval
Operations (Logistics)
Title

22 FEB 1994
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

T. C. FIOCCHI	T C Fiocchi
NAME (Please type or print)	Signature
DIRECTOR/COMPTROLLER	2/18/94
Title	Date
BUREAU OF NAVAL PERSONNEL	
Activity	

Document Separator

NAS Memphis

513

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

20 APRIL 1994

BRAC 1995 ENVIRONMENTAL DATA CALL:
All Navy/Marine Corps Host Activities

INDEX

Section	Page
GENERAL INSTRUCTIONS	2
ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT	3
WETLANDS	5
CULTURAL RESOURCES	5
ENVIRONMENTAL FACILITIES	6
AIR POLLUTION	10
ENVIRONMENTAL COMPLIANCE	13
INSTALLATION RESTORATION	14
LAND/AIR/WATER USE	16
WRAP-UP	20

ENVIRONMENTAL DATA CALL

Responses to the following questions provide data that will allow an assessment of the potential environmental impact associated with the closure or realignment of a Navy shore activity. This criterion consists of:

- Endangered/Threatened Species and Biological Habitat
- Wetlands
- Cultural Resources
- Environmental Facilities
- Air Pollution
- Environmental Compliance
- Installation Restoration
- Land/Air/Water Use

As part of the answers to these questions, a *source citation* (e.g., 1993 base loading, 1993 base-wide Endangered Species Survey, 1993 letter from USFWS, 1993 Base Master Plan, 1993 Permit Application, 1993 PA/SI, etc.) must be included. It is probable that, at some point in the future, you will be asked to provide additional information detailing specifics of individual characteristics. In anticipation of this request, supporting documentation (e.g., maps, reports, letters, etc.) regarding answers to these questions should be retained. Information needed to answer these questions is available from the cognizant EFD Planning and Real Estate Divisions, and Environment, Safety, and Health Divisions; and from the activity Public Works Department, and activity Health Monitoring and Safety Offices.

For purposes of the questions associated with land use at your base is *defined* as *land* (acreage owned, withdrawn, leased, and controlled through easements); *air* (space controlled through agreements with the FAA, e.g., MOAs); *and water* (navigation channels and waters along a base shoreline) *under the control of the Navy.*

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

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.*

Replaced w/ Amd 2
CW 91

COMMANDS

ACTIVITIES	**UIC**
NAS	00639
CNTECHTRA	63111
NAVY BAND	41477
NATTC	63093
MATSG-90	67290
NAMTRAGRU	63115
NAVHOSP, MILLINGTON	60002
NAVAIRES	63101
PSD NAS	43322
VP-67	09175
VR-60	08993
MAG-41, DET A	03014
NETPMSA DET	35577
CBU-404	66628
NAVTRAMETOCDET	65776
NAVLEGSVCOFF	68367
NAVRESREDCOM REG-NINE	68348
BRDENCL MEMPHIS	41773
DRMO	SY2402
VETERINARIAN SERVICE	W2L8AA
ROICC	44221
NAWC	61339
NAVY CAMPUS	63325
NEX	65914
NTTSG	43677
ABFC FMP MMF-G	68824
NTCC	33271
HRO	68322
TN ARMY NAT GRD RECRUIT	W8A9AA
ARMY NATIONAL GUARD	WIRWCO
DIS	68186
DAO	43290
DeCA	49025
NCIS	42937
DET 4/CC 363d TTS	439CC
RESINTPROFF EIGHT	47920

NON-DOD

FEDERAL PRISON
U.S. POST OFFICE
AMERICAN RED CROSS
NAVY MEMPHIS FEDERAL CREDIT UNION
NAVY FLYING CLUB
NAVY-MARINE CORP RELIEF SOCIETY MEMPHIS AUXILIARY
EAGLE MANAGEMENT
MAYTAG AIRCRAFT CORPORATION

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)
example: Haliaeetus leucocephalus - bald eagle	*threatened*	*Federal*	*25*	*0*
none				

Source Citation:_Naval Air Station Memphis, Long Range Fish and Wildlife Plan

1b.

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	NO
Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.	NO

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.
N/A

1d.

Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.	NO

1e.

Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO

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?	**NO***
Has a wetlands survey in accordance with established standards been conducted for your base?	**NO***
When was the survey conducted or when will it be conducted?__06/_____/94__	*
What percent of the base has been surveyed?	**N/A***
What is the total acreage of jurisdictional wetlands present on your base?	**N/A***

*SOUTHNAVFACENGCOM has contracted with U.S. Fish and Wildlife Service to conduct a wetlands survey of NAS Memphis commencing in June 1994. Previously prepared Fish and Wildlife Service Wetlands Inventory Maps indicate approximately 222 acres of potential wetlands.
Source Citation:_SOUTHNAVFACENGCOM Natural Resources Department
(PHONCON Rodger Aitken NAS Memphis/Pat Cline SOUTHNAVFACENGCOM of 10 May 94)

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.
Maps will be provided upon completion of study.

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland?_no_____If YES, summarize the results of such modifications or constraints.

3. CULTURAL RESOURCES

3a.

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	*YES **

**The "Intensive Historic and Architectural Survey of Buildings/Structures at Naval Complex Memphis" has been forwarded to the State Historical Preservation Officer (SHPO) for review.

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/NO~~ * No**
Has a wetlands survey in accordance with established standards been conducted for your base?	~~YES/NO~~ * No**
When was the survey conducted or when will it be conducted?____/____/____	*
What percent of the base has been surveyed?	* N/A**
What is the total acreage of jurisdictional wetlands present on your base?	* N/A**

** CNET N912 R. Ryan 6-2-94

*SOUTHNAVFACENGCOM has contracted with U.S. Fish and Wildlife Service to conduct a wetlands survey of NAS Memphis commencing in June 1994. Previously prepared Fish and Wildlife Service Wetlands Inventory Maps indicate approximately 222 acres of potential wetlands.
Source Citation: SOUTHNAVFACENGCOM Natural Resources Department (PHONCON Rodger Aitken NAS Memphis/Pat Cline SOUTHNAVFACENGCOM of 10 May 94)

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.
Maps will be provided upon completion of study.

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? no_____ If YES, summarize the results of such modifications or constraints.

3. CULTURAL RESOURCES

3a.

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	*YES **

**The "Intensive Historic and Architectural Survey of Buildings/Structures at Naval Complex Memphis" has been forwarded to the State Historical Preservation Officer (SHPO) for review. The report includes nomination packages recommending the following sites to be listed on the

Replaced w/ revision 2 June 94 R. Ryan CNET

National Register of Historic Places:
E-1, E-2, E-3, E-4, E-5, E-6, E-31, E-32, E-33, E-34, E-35, E-46, E-51, E-52, E-85, N-1, S-66, S-67, S-69, S-70, S-71, S-72, S-73, S-86, S-133, 550, 551, 552, 553, 554, 591, 592, and 593.

3b.
YES/NO

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	NO

3c.

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	~~YES~~/NO * Remarks CWOT N443 4 JUN 94

*There are no onbase areas identified as sacred areas or burial sites by Native Americans; however, there are two cemeteries onbase.

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.
No permitted and/or active sanitary landfills.
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**			

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

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

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

N/A

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 Center	not established		300 cubic yards	In Review	*Never permitted before
Class "O" incinerator	TSP 1.2 lbs/hr - 624 hr/yr		600 lbs/hr	Current air permit	Incinerator is only used - 12 hrs/week

List any permit violations and projects to correct deficiencies or improve the facility.
*State of Tennessee is currently reviewing permit-by-rule for our recycling center.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					NO
ID/Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/Year Built**

List permit violations and discuss any projects to correct deficiencies.
N/A

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.
The average daily discharge to the City of Millington WWTP is 1.795 MGD. The City of Millington requires no permit at this time. NAS Memphis is considered to discharge only domestic wastes. The WWTP measures flow but has set no limits. Only discharge problems we are aware of are occasional AFFF and/or JP-5 quantities. Base could possibly be classified as industrial discharge following SOUTHNAVFACENGCOM survey.

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					NO
ID/Location of IWTP	**Type of Treatment**	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**

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

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)?					YES
ID/Location of WTP	**Operating (GPD)**		**Method of Treatment**	**Maximum Capacity**	**Permit Status**
	Permitted Capacity	**Daily Rate**			
NAS Memphis Bldg. S-1684	4.2 MGD	2.2 MGPD	Class IV direct filtration	4.2 MGD	State inspected and approved
	microbiol-ogically approved laboratory				

List permit violations and projects/actions to correct deficiencies or improve the facility.
There is a project in the works to increase the laboratory size as recommended by State of Tennessee. The project is currently unfunded. The total cost to increase the laboratory is estimated at $200K.

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.
N/A

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	NO

No contamination discovered and adequate quantity of water found in aquifer.

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.	

We currently have two permitted NPDES discharge points associated with fuel farm oil/water separators. Monitored permit conditions are flow, total suspended solids, oil and grease, and rainfall duration. Required quarterly monitoring and reporting during rainfall events. Base has been included in U.S. Navy group stormwater permit application.

4l.

	YES/NO
Does your base have bilge water discharge problem?	NO
Do you have a bilge water treatment facility?	~~YES~~ NO *

Inspection pits at JP-5 fuel farm

Explain: Inspection pits at JP-5 fuel farm discharge through an oil/water separator into a storm drainage ditch.

* WATER IS NOT BILGE WATER, BUT OIL/WATER FROM FUEL FARM. R. STENDER CNOT N441 4/3/94

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.

N/A

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain.

No

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? Shelby County No. 18
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? __no_____ . List site, location and name of AQCA.

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 Memphis AQCA: Shelby County

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]
CO		X		1990*	Moderate
Ozone		X		1990*	Marginal
PM-10	X				
SO_2	X				
NO_2	X				
Pb	X				

[1] Based on national standard for Non-Attainment areas or SIP for Maintenance areas.
[2] Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

*The local AQCA has submitted documentation that attainment was met in 1990 but EPA has not given approval to change the status.

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.

	Emission Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	9.876	* N/A	N/A *	N/A *	9.876
NOx	128.52	* N/A	N/A *	N/A *	128.52
VOC	1.911	* N/A	N/A *	N/A *	1.911
PM10 *TSP	3.281	* N/A	N/A *	N/A *	3.281

5Source Document: Emission Inventory Report CY 91

* The local Air Permit Board does not regulate PM10. This data is part of the TSP.

* INFO NOT AVAILABLE (Shannon T. Barker, R. Stender 6/7/94)

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	7.7075	N/A *	N/A *	N/A *	7.7075
NOx	34.329	N/A *	N/A *	N/A *	34.329
VOC	.1565	N/A *	N/A *	N/A *	0.1565
PM10	2.145	N/A *	N/A *	N/A *	2.145

Source Document: Air Emissions Inventory Data Log

* INFO NOT AVAILABLE (Shannon T. Barker, R. Stender 6/7/94)

ACTUAL EMISSONS FOR PAST 12 MONTHS
N-79 BOILER

	TSP	SO2	NO	CO	VOC
BOILER 1	0.002	0.000	0.041	0.008	0.002
FUEL OIL	0.000	0.000	0.000	0.000	0.000
---	---	---	---	---	---
TOTALS	0.002	0.000	0.041	0.008	0.002

ACTUAL EMISSONS FOR PAST 12 MONTHS
599 BOILER

	TSP	SO2	VOC	NOX	CO
BOILER 1	0.004	0.001	0.004	0.083	0.017
FUEL OIL	0.000	0.000	0.000	0.000	0.000
---	---	---	---	---	---
TOTALS	0.004	0.001	0.004	0.083	0.017

ACTUAL EMISSONS FOR PAST 12 MONTHS
773 BOILERS

	TSP	SO2	VOC	NOX	CO
BOILER 1	0.001	0.000	0.001	0.014	0.003
BOILER 2	0.000	0.000	0.000	0.000	0.000
FUEL OIL	0.000	0.000	0.000	0.000	0.000
---	---	---	---	---	---
TOTALS	0.001	0.000	0.001	0.014	0.003

INCINERATOR BUILDING 1579 PERMIT # 0495-IWR

MONTH	NATURAL GAS USED CCF	LBS MOIL BURNED	HRS	LB/HR	TSP/HR	NOX	SO2	VOC	CO
JAN 93	10100	2565	56.00	45.8036	0.054	1.804	0.0108	0.0202	0.360
FEB 93	67300	2960	19.00	155.7894	1.063	35.421	0.2125	0.3967	7.084
MAR 93	85215	3666	30.00	122.2000	0.852	28.405	0.1704	0.3181	5.681
APR 93	97040	4275	31.00	137.9032	0.939	31.303	0.1878	0.3506	6.260
MAY 93	87200	3842	33.00	116.4242	0.793	26.424	0.1585	0.2960	5.284
JUN 93	252651	11130	57.00	195.2631	1.330	44.325	0.2659	0.4964	8.864
JUL 93	30800	4126	26.00	158.6923	0.255	11.846	0.0711	0.1327	2.369
AUG 93	7100	2160	11.00	196.3636	0.194	6.455	0.0387	0.0723	1.290
SEP 93	21500	2985	32.00	93.28125	0.202	6.719	0.0403	0.0753	1.341
OCT 93	17400	1475	12.33	119.6269	0.423	14.112	0.0847	0.1581	0.002
NOV 93	7000	1992	15.67	127.1218	0.134	4.467	0.0268	0.0500	0.001
DEC 93	34200	1270	7.33	173.2605	1.400	46.658	0.2799	0.5226	9.331
TOTAL CCF	717506	42446	330.33	128.4957	0.652	21.721	0.1303	1.1512	4.34
TOTAL MMCF	71.7506			TOTAL TPY	0.1	3.588	0.0215	0.0003	0.02

ALL ENTRIES OF MATERIAL ARE MADE IN QUARTS

0485-03P NAMTRAGRU BLDG 360

VOC<=2.79 LB/HR .72 TON/YR TOTAL HRS 43.3 HRS/MTH 520 HRS/YR

MONTH	ENAMEL	LACQUER	THINNER	POLY PRIMER	POLY THINNER	TIME HRS	LB/HR AC	LB/HR PE
JAN 93		1.500	1.500	1.000	1.000	17.500	0.460	0.077
FEB 93		12.750	12.750	1.500	1.500	54.500	0.844	0.442
MAR 93	1.000	32.750	32.750	1.250	2.250	50.000	2.242	1.078
APR 93	1.000	56.000	56.000	0.500	1.500	59.000	3.132	1.777
MAY 93	5.000	2.000	2.000	2.500	7.500	29.000	0.895	0.250
JUN 93		32.000	32.000	0.500	0.500	85.000	1.235	1.009
JUL 93		13.500	13.500			15.000	2.907	0.419
AUG 93	0.500	34.000	34.000	0.250	1.000	44.000	2.552	1.080
SEP 93	0.500	1.250	1.250	1.750	2.250	13.000	0.830	0.104
OCT 93	0.750	0.625	0.625	1.250	2.000	15.000	0.516	0.074
NOV 93	2.000	0.750	0.750		2.000	12.500	0.562	0.068
DEC 92		3.250	3.250	2.000	2.000	29.000	0.583	0.162
TOTAL QTS	10.750	190.375	190.375	12.500	23.500	423.500		
TOTAL GAL	2.688	47.594	47.594	3.125	5.875			
VOC lbs	5.106	291.274	323.638	15.000	43.475			

TOTAL VOC 678.493
TOTAL HRS 423.500
TOT LB/HR 1.602
TOTAL LB/HR PERMIT 0.544
TONS VOC 0.339

THE TOTAL PERMIT HOURS ARE WITHIN LIMITS
THE TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
THE TOTAL ACTUAL POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

0485-13P (R) HOSPITAL MONTHLY ETHYLENE OXIDE USAGE REPORT

VOC<=1.05 LB/HR .66 TON/YR TOTAL HRS 104 HR/MTH 1248 HR/YR

MONTH	ETO IN LBS	AMT TO THE AIR	AMT TO DRAIN	TIME HRS	LB/HR VOC
JAN 93	7.100	0.710	6.390	35.000	0.020
FEB 93	5.310	0.531	4.779	31.500	0.017
MAR 93	6.640	0.660	5.970	33.250	0.020
APR 93	6.670	0.670	6.000	42.000	0.016
MAY 93	4.970	0.500	4.470	31.500	0.016
JUN 93	5.190	0.510	4.670	33.250	0.015
JUL 93	2.970	0.300	2.670	21.000	0.014
AUG 93	4.530	0.453	4.077	28.000	0.016
SEP 93	6.640	0.660	5.970	36.750	0.018
OCT 93	4.410	0.441	3.969	26.250	0.017
NOV 93	4.750	0.475	4.275	31.500	0.015
DEC 93	5.980	0.600	5.380	33.250	0.018
TOTAL	65.160	6.510	58.620	383.250	

TOTAL VOC 6.510
TOTAL HRS 383.250
TOTAL LB/HR PERMIT 0.005
TOTAL LB/HR ACTUAL 0.017
TONS VOC 0.003

TOTAL PERMIT HOURS ARE WITHIN LIMITS
TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL ACTUAL POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES FOR ENAMEL ARE MADE IN OUNCES
ALL ENTRIES FOR LATEX MADE IN GAL

0485-16P PAINT OUTSIDE BLDG 3-183

==========

VOC<=1.4 LB/HR .29 TON/YR TOTAL HRS 34.67 HR/MTH 416 HR/YR

==========

MONTH	LATEX	ENAMEL	TIME HRS	LB/HR VOC
JAN 93			0.000	0.000
FEB 93			0.000	0.000
MAR 93		16.000	0.300	2.596
APR 93	2.000	22.000	6.000	0.512
MAY 93		4.000	0.500	0.389
JUN 93	10.000	64.000	10.000	1.312
JUL 93			0.000	0.000
AUG 93			0.000	0.000
SEP 93			0.000	0.000
OCT 93		4.000	0.500	0.389
NOV 93			0.000	0.000
DEC 93		12.000	1.000	0.584
	---	---	---	---
TOTAL OZS			18.300	
TOTAL GAL	12.000	122.000		
VOC lbs	12.000	760.060		

TOTAL VOC 772.060
TOTAL HRS 18.300
TOTAL LB/HR PERMIT 0.928
TOTAL LB/HR ACTUAL 42.189
TONS VOC 0.386

TOTAL PERMIT HOURS ARE WITHIN LIMITS
TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL ACTUAL POUNDS PER HOUR ARE EXCEEDED
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES OF MATERIAL ARE MADE IN QUARTS

0485-14P AS SCHOOL BLDG S-787

VOC<=1.38 LB/HR .86 TON/YR TOTAL HRS &HRS/DAY 1248 HRS/YR

MONTH	LATEX	LACQUER	THINNER	POLY PRIMER	POLY THINNER	MEK	TIME HRS	LB/HR AC	LB/HR PE
JAN 93				1.000		1.000	1.000	2.878	0.028
FEB 93				3.000	1.000		1.700	3.293	0.054
MAR 93	0.500				1.000	2.000	1.100	5.005	0.053
APR 93							0.000	0.000	0.000
MAY 93							0.000	0.000	0.000
JUN 93	0.500						0.167	0.913	0.001
JUL 93	1.000						1.250	0.244	0.003
AUG 93	2.000	2.000	1.000	2.000	2.000		9.167	1.283	0.113
SEP 93	4.000	1.000					4.750	0.579	0.026
OCT 93	0.500						0.583	0.262	0.001
NOV 92	0.750			1.500	1.500	3.000	3.900	2.579	0.097
DEC 92	0.500						1.300	0.117	0.001
TOTAL QTS	9.750	3.000	1.000	7.500	5.500	6.000	24.917		
TOTAL GAL	2.438	0.750	0.250	1.875	1.375	1.500			
VOC lbs	2.974	4.590	1.700	9.000	10.175	10.065			

TOTAL VOC 38.504
TOTAL HRS 24.917
TOT LB/HR 1.545
TOTAL LB/HR PERMIT 0.031
TONS VOC 0.019

TOTAL PERMIT HOURS ARE WITHIN LIMITS
TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL ACTUAL POUNDS PER HOUR ARE EXCEEDED FOR ACTUAL HOURS OF OPERATION
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES OF MATERIAL ARE MADE IN OUNCES

0485-04P AMS SCHOOL BLDG. S-764

VOC<=35.5 LB/HR 10.34 TON/YR TOTAL HRS <=600

MONTH	WATER BASE PAINT LATEX	PRIMER	LACQUER	PRIMER	NAPTHA	ENAMEL	TIME HRS	LB/HR VOC
JAN 93	14.000						0.348	0.314
FEB 93	18.000	6.000					0.520	0.361
MAR 93	32.000						0.545	0.459
APR 93	20.000						0.770	0.203
MAY 93	70.000						0.817	0.669
JUN 93	35.000						0.800	0.342
JUL 93	41.500						0.895	0.362
AUG 93	133.500						1.395	0.748
SEP 93	100.000						1.263	0.619
OCT 93	82.000						0.557	1.150
NOV 92	167.000						1.342	0.972
DEC 92	41.800	52.000					0.543	1.350
TOTAL OZS	754.800	58.000	0.000	0.000	0.000	0.000	9.795	
TOTAL GAL	5.897	0.453	0.000	0.000	0.000	0.000		
VOC lbs	5.897	0.453	0.000	0.000	0.000	0.000		

TOTAL VOC 6.350
TOTAL HRS 9.795
TOT LB/HR PERMIT 0.011
TOTAL LB/HR ACTUAL 0.648
TONS VOC 0.003

ALL ENTRIES OF MATERIAL ARE MADE IN QUARTS

0485-07P AIMD BLDG N-12

VOC<=3.05 LB/HR 1.03 TON/YR TOTAL HRS 78HRS/MTH 936 HRS/YR

MONTH	POLY	PRIMER A/C	GSE	THINNER	RAIN ERODE	LACQUER	TIME HRS	LB/HR AC	LB/HR PERMIT
JAN 93	3.000	1.500		2.750			19.000	0.552	0.134
FEB 93	7.750	2.250	4.000	5.250			23.000	1.066	0.314
MAR 93	7.000	1.000		5.250			22.500	0.858	0.248
APR 93	3.250	0.250		3.250			12.000	0.851	0.131
MAY 93	2.750	1.500		4.000		3.000	19.000	0.899	0.219
JUN 93	3.250	1.000		2.875			13.000	0.801	0.134
JUL 93	3.500	1.375		2.500			13.000	0.806	0.134
AUG 93	6.500			3.500			10.500	1.360	0.183
SEP 93	5.250		3.000	4.000		1.000	21.000	0.825	0.222
OCT 93	10.000	1.500	5.000	4.750			22.100	1.180	0.334
NOV 93	7.500	1.750	1.000	4.250			8.000	2.458	0.252
DEC 92	9.500		3.500	7.500			10.500	2.640	0.355
TOTAL QTS	69.250	12.125	16.500	49.875	0.000	4.000	193.600		
TOTAL GAL	17.313	3.031	4.125	12.469	0.000	1.000			
VOC lbs	83.100	14.550	11.550	92.269	0.000	6.120			

TOTAL VOC 207.589
TOTAL HRS 193.600
TOT LB/HR 1.072
TOTAL LB/HR PERMIT 0.222
TONS VOC 0.104

THE TOTAL PERMIT HOURS ARE WITHIN LIMITS
THE TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
THE TOTAL ACTUAL POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES OF MATERIAL ARE MADE IN OUNCES

0485-15P AIMS SMALL PAINT BOOTH

==========

VOC<=1.93 LB/HR .80 TON/YR TOTAL HRS 69.33 HR/MTH 832 HR/YR

==========

MONTH	ENAMEL	LAQUER	NAPTHA	TIME HRS	LB/HR VOC
JAN 93				0.000	0.000
FEB 93				0.000	0.000
MAR 93		56.000		3.000	0.909
APR 93				0.000	0.000
MAY 93		16.000		2.000	0.389
JUN 93		32.000		1.000	1.558
JUL 93	24.000			0.750	1.575
AUG 93		24.000		1.000	1.168
SEP 93		64.000		3.000	1.038
OCT 93	64.000			2.200	1.432
NOV 93	8.000	48.000		2.000	1.365
DEC 93	112.000			3.000	1.838
TOTAL OZS	208.000	240.000	0.000	17.950	
TOTAL GAL	1.625	1.875	0.000		
VOC lbs	10.238	11.681	0.000		

TOTAL VOC 21.919
TOTAL HRS 17.950
TOTAL LB/HR PERMIT 0.026
TOTAL LB/HR ACTUAL 1.221
TONS VOC 0.011

TOTAL PERMIT HOURS ARE WITHIN LIMITS
TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL ACTUAL POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES OF MATERIAL ARE MADE IN QUARTS

0485-05P AUTO HOBBY SHOP BLDG 349

VOC<=1.82 LB/HR 2.27 TON/YR TOTAL HRS 208HRS/MTH 2496 HRS/YR

MONTH	ENAMEL PAINT	ENAMEL REDUCER	PAINT	LAQUER THINNER	PRIMER	TIME HRS	LB/HR	AC LB/HR
JAN 93	4.000	4.000			0.500	3.000	4.840	0.07
FEB 93	8.000	8.000		1.000		5.000	5.816	0.14
MAR 93	16.000	4.000		4.000		3.500	11.231	0.18
APR 93	12.000	8.000		4.000	4.000	7.500	6.263	0.22
MAY 93	9.000	9.000			5.000	18.500	2.109	0.18
JUN 93	12.000	12.000		1.000		12.500	3.422	0.20
JUL 93	12.000	12.000	4.000		4.000	9.000	6.007	0.26
AUG 93	2.000	4.000		1.000		4.000	3.057	0.05
SEP 93	28.000	23.000	12.000	19.750		22.500	6.177	0.66
OCT 93	18.000	12.000		4.000	4.000	14.500	4.401	0.30
NOV 93	29.000	28.000		11.000	11.000	29.000	4.620	0.64
DEC 93	13.000	13.000			1.000	10.000	4.617	0.22
TOTAL QTS	163.000	137.000	16.000	45.750	29.500	139.000		
TOTAL GAL	40.750	34.250	4.000	11.438	7.375			
VOC lbs	256.725	253.450	25.600	76.746	48.380			

TOTAL VOC 660.901
TOTAL HRS 139.000
TOT LB/HR 4.755
TOTAL LB/HR PERMIT 0.265
TONS VOC 0.330

THE TOTAL PERMIT HOURS ARE WITHIN LIMITS
THE TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
THE TOTAL ACTUAL POUNDS PER HOUR ARE EXCEEDED FOR HOURS OF ACTUAL OPERATION
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

0485-03I FIRE TRAINING PADS #305 & #392

TSP<=.0098 LB/GL .607 TON/YR TOTAL FUEL SHALL NOT EXCEED 7500 GL/WK

MONTH	JP-5	AFFF	HALON	PKP	GAL/WK	GAL LIMITS
JAN 93	8257	565	1170	574	2064.3	OK
FEB 93	4087	510	480	361	1021.8	OK
MAR 93	11614	647	1752	768	2903.5	OK
APR 93	7682	567	540	630	1920.5	OK
MAY 93	11245	965	1075	561	2811.3	OK
JUN 93	6630	112	480	135	1657.5	OK
JUL 93	6720	215	200	624	1680.0	OK
AUG 93	7025	190	208	687	1756.3	OK
SEP 93	5275	180	0	501	1318.8	OK
OCT 93	4000	260	0	435	1000.0	OK
NOV 93	5400	270	0	578	1350.0	OK
DEC 93	2650	45	0	108	662.5	OK
TOTAL	80585	4526	6005	5962	20146.3	OK
TOTAL TSP	790					
TSP TN/YR	0.395					

TOTAL TSP T/YR 0.395
AVG GAL/WK 1550

THE AVG GALLONS PER WEEK BURNED ARE WITHIN LIMITS
TOTAL TONS PER YEAR TSP EMITTED ARE WITHIN LIMITS

0485-04I, 04T, 05T CARRIER DECK FIRE TRAINING

TSP<=.95 LB/HR .95 TON/YR FUEL 7500 GL/WK MAX

MONTH	JP-5	RECLAIM	AFFF	HALON	PKP	GAL/WK	GAL LIMIT
JAN 93	1008	0.0	309	476	0	252.0	OK
FEB 93	1927	980.0	746	1685	0	481.8	OK
MAR 93	3195	1055.0	1008	1720	0	798.8	OK
APR 93	2110	1136.0	768	1621	0	527.5	OK
MAY 93	1442	1692.0	684	1440	0	360.5	OK
JUN 93	1062	3435.7	648	1670	0	265.4	OK
JUL 93	3086	3086.0	915	0	330	771.5	OK
AUG 93	1509	1137.4	727	75	780	377.3	OK
SEP 93	3236	1883.9	875	0	492	809.0	OK
OCT 93	873	1729.7	402	0	0	218.3	OK
NOV 93	1591	0.0	506	0	0	397.7	OK
DEC 93	832	1240.3	297	0	0	208.0	OK
TOTAL	21870	17376.0	7885	8687	1602	420.6	OK
TOTAL TSP	214						
TSP TN/YR	0.107						

TOTAL TSP T/YR 0.107
AVG GAL/WK 421

THE AVG GALLONS PER WEEK BURNED ARE WITHIN LIMITS
TOTAL TONS PER YEAR TSP EMITTED ARE WITHIN LIMITS

CYCLONE SEPARATOR WAMTRAGSU BLDG 225 PERMIT NO: 0495-10P

MONTH	HRS OF OPERATION	LBS OF SAWDUST	AIRBORNE DUST	TOTAL TSP	HOURS/MONTH 62.75
JAN 199					
FEB 1993	0.10	3.00	3.75	0.75	HOURS PER MONTH OK
MAR 1993	5.30	45.00	56.25	11.25	HOURS PER MONTH OK
APR 1993	1.80	14.00	17.50	3.50	HOURS PER MONTH OK
MAY 1993	0.20	5.00	6.25	1.25	HOURS PER MONTH OK
JUN 1993	6.70	36.00	45.00	9.00	HOURS PER MONTH OK
JUL 1993	6.20	35.00	43.75	8.75	HOURS PER MONTH OK
AUG 1993	0.90	10.00	12.50	2.50	HOURS PER MONTH OK
SEP 1993	0.50	3.00	3.75	0.75	HOURS PER MONTH OK
OCT 1993	4.00	14.00	17.50	3.50	HOURS PER MONTH OK
NOV 1993	1.75	8.00	10.00	2.00	HOURS PER MONTH OK
DEC 1993	1.33	13.00	16.25	3.25	HOURS PER MONTH OK
TOTAL	28.78	186.00	232.50	46.50	

TSP POUNDS PER HOUR ACTUAL: 1.62
TSP POUNDS PER HOUR PERMIT: 0.09
TONS PER YEAR TSP : 0.02

TOTAL YEARLY OPERATING HOURS IS: OK
TOTAL POUNDS PER HOUR ACTUAL IS: OVER
TOTAL POUNDS/HOUR TSP PERMIT IS: OK
TOTAL TONS TSP IS : OK

N O T E S :
ACTUAL TSP LBS PER HR IS TOTAL TSP/HRS OF OPERATION
PERMIT TSP LBS PER HR IS TOTAL TSP/PERMITTED TOTAL HRS 753 (8 MONTHS IS 502 HRS)
TOTAL OPERATING HOURS SHALL NOT EXCEED 753
TOTAL TONS TSP SHALL NOT EXCEED .22

CYCLONE SEPARATOR BLDG S-77 PERMIT NO: 0485-9P

MONTH	HRS OF OPERATION	LBS OF SAWDUST	AIRBORNE DUST	TOTAL TSP	HOURS/MONTH 43.33
JAN 1993	8.75		0.00	0.00	HOURS PER MONTH OK
FEB 1993	3.38		0.00	0.00	HOURS PER MONTH OK
MAR 1993	7.03		0.00	0.00	HOURS PER MONTH OK
APR 1993	4.97		0.00	0.00	HOURS PER MONTH OK
MAY 1993	3.38	start	0.00	0.00	HOURS PER MONTH OK
JUN 1993	2.27		0.00	0.00	HOURS PER MONTH OK
JUL 1993	1.15		0.00	0.00	HOURS PER MONTH OK
AUG 1993	0.63		0.00	0.00	HOURS PER MONTH OK
SEP 1993	0.60		0.00	0.00	HOURS PER MONTH OK
OCT 1993	1.07		0.00	0.00	HOURS PER MONTH OK
NOV 1993	1.83		0.00	0.00	HOURS PER MONTH OK
DEC 1993	2.03	1040.00	1300.00	260.00	HOURS PER MONTH OK
TOTAL	13.56	1040.00	1300.00	260.00	

TSP POUNDS PER HOUR ACTUAL: 19.17
TSP POUNDS PER HOUR PERMIT: 0.29
TONS PER YEAR TSP : 0.13

TOTAL YEARLY OPERATING HOURS IS: OK
TOTAL POUNDS PER HOUR ACTUAL IS: OVER
TOTAL POUNDS/HOUR TSP PERMIT IS: OK
TOTAL TONS TSP IS : OK

N O T E S :
ACTUAL TSP LBS PER HR IS TOTAL TSP/HRS OF OPERATION
PERMIT TSP LBS PER HR IS TOTAL TSP/PERMITTED TOTAL HRS 520
TOTAL OPERATING HOURS SHALL NOT EXCEED 520
TOTAL TONS TSP SHALL NOT EXCEED .38

CYCLONE SEPARATOR CRAFTECH BLDG 787 PERMIT NO: 0485-17P

MONTH	HRS OF OPERATION	LBS OF SAWDUST	AIRBORNE DUST	TOTAL TSP	HOURS/MONTH 91.00
JAN 1993	74.50	0.00	0.00	0.00	HOURS PER MONTH OK
FEB 1993	36.10		0.00	0.00	HOURS PER MONTH OK
MAR 1993	54.60		0.00	0.00	HOURS PER MONTH OK
APR 1993	91.20		0.00	0.00	HOURS PER MONTH OVER
MAY 1993	76.00		0.00	0.00	HOURS PER MONTH OK
JUN 1993	65.50		0.00	0.00	HOURS PER MONTH OK
JUL 1993	77.10	300.00	375.00	75.00	HOURS PER MONTH OK
AUG 1993	138.10		0.00	0.00	HOURS PER MONTH OVER
SEP 1993	103.00	800.00	1000.00	200.00	HOURS PER MONTH OVER
OCT 1993	67.00	120.00	150.00	30.00	HOURS PER MONTH OK
NOV 1993	60.90		0.00	0.00	HOURS PER MONTH OK
DEC 1993	50.64	580.00	725.00	145.00	HOURS PER MONTH OK
TOTAL	894.64	1800.00	2250.00	450.00	

TSP POUNDS PER HOUR ACTUAL: 0.50
TSP POUNDS PER HOUR PERMIT: 0.41
TONS PER YEAR TSP : 0.23

TOTAL YEARLY OPERATING HOURS IS: OK
TOTAL POUNDS PER HOUR ACTUAL IS: OVER
TOTAL POUNDS/HOUR TSP PERMIT IS: OVER
TOTAL TONS TSP IS : OVER

N O T E S :
ACTUAL TSP LBS PER HR IS TOTAL TSP/HRS OF OPERATION
PERMIT TSP LBS PER HR IS TOTAL TSP/PERMITTED TOTAL HRS 1092
TOTAL OPERATING HOURS SHALL NOT EXCEED 1092
TOTAL TONS TSP SHALL NOT EXCEED .22

CYCLONE SEPARATOR CBU 401 BLDG 765 PERMIT NO: 9495-12P

MONTH	HRS OF OPERATION	LBS OF SAWDUST	AIRBORNE DUST	TOTAL TSP	HOURS/MONTH 130.00
JAN 1994			0.00		
FEB 1993	0.60		0.00	0.00	HOURS PER MONTH OK
MAR 1993	0.40		0.00	0.00	HOURS PER MONTH OK
APR 1993	0.95		0.00	0.00	HOURS PER MONTH OK
MAY 1993	3.95		0.00	0.00	HOURS PER MONTH OK
JUN 1993	6.77		0.00	0.00	HOURS PER MONTH OK
JUL 1993	1.42		0.00	0.00	HOURS PER MONTH OK
AUG 1993	0.85	120.00	150.00	30.00	HOURS PER MONTH OK
SEP 1993	4.03		0.00	0.00	HOURS PER MONTH OK
OCT 1993	0.62		0.00	0.00	HOURS PER MONTH OK
NOV 1993	2.97		0.00	0.00	HOURS PER MONTH OK
DEC 1993	5.73	90.00	112.50	22.50	HOURS PER MONTH OK
TOTAL	28.29	210.00	262.50	52.50	

TSP POUNDS PER HOUR ACTUAL: 1.06
TSP POUNDS PER HOUR PERMIT: 0.06
TONS PER YEAR TSP : 0.03

TOTAL YEARLY OPERATING HOURS IS: OK
TOTAL POUNDS PER HOUR ACTUAL IS: OVER
TOTAL POUNDS/HOUR TSP PERMIT IS: OK
TOTAL TONS TSP IS : OK

N O T E S :
ACTUAL TSP LBS PER HR IS TOTAL TSP/HRS OF OPERATION
PERMIT TSP LBS PER HR IS TOTAL TSP/PERMITTED TOTAL HRS 1560 (7 MONTHS IS 910 HRS)
TOTAL OPERATING HOURS SHALL NOT EXCEED 1560
TOTAL TONS TSP SHALL NOT EXCEED .83

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.

NAS Memphis expects CO and NOx to remain the same. VOC and TSP are expected to decrease due to downsizing.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

Shelby County in which NAS Memphis is located is presently a non-attainment area for CO and Ozone.

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 official restrictions placed on operations/mission/functions.

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

Program	Survey Com-pleted?	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	NO	3	3	3	4	10	10
Hazardous Waste	NO	200	200	200	200	452	492
Safe Drinking Water Act	NO	120	620	620	620	1280	1280
PCBs	NO		20	25	25	25	25
Other (non-PCB) Toxic Substance Control Act	NO						
Lead Based Paint	NO		500	500	500	500	500
Radon	NO		500	500	500	500	500
Clean Water Act	NO	202	952	952	1010	1836	1766
Solid Waste	NO	200	200	200	200	400	400
Oil Pollution Act	NO		200	200	200	400	400
USTs	NO	1102	1102	2202	703	1008	1008
Other *ASBESTOS*	NO		300	800	800	500	500
Total		1827	4597	6202	4762	6911	6881

We have not completed surveys to justify numbers in these tables. These are estimates to fulfill future compliance issues.

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

6b.

Does your base have structures containing asbestos? __YES_ What % of your base has been surveyed for asbestos?___100 _____ Are additional surveys planned? ____NO_____ What is the estimated cost to remediate asbestos ($K) 13 MILLION_____. Are asbestos survey costs based on encapsulation, removal or a combination of both? **BOTH**

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

Program	Survey Com-pleted? *	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	NO GM	3	3	3	4	10	10
Hazardous Waste	NO GM	200	200	200	200	452	492
Safe Drinking Water Act	NO GM	120	620	620	620	1280	1280
PCBs	NO GM		20	25	25	25	25
Other (non-PCB) Toxic Substance Control Act	NO GM						
Lead Based Paint	NO GM		500	500	500	500	500
Radon	NO GM		500	500	500	500	500
Clean Water Act	NO GM	202	952	952	1010	1836	1766
Solid Waste	NO GM	200	200	200	200	400	400
Oil Pollution Act	NO GM	40	200	200	200	400	400
USTs	NO GM	1102	1102	2202	703	1008	1008
Other *ASBESTOS*	NO GM		300	800	800	500	500
Total		1867	4597	6202	4762	6911	6881

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

6b.
Does your base have structures containing asbestos?__YES_____ What % of your base has been surveyed for asbestos?_____100_____ Are additional surveys planned? ___NO_____ What is the estimated cost to remediate asbestos ($K) ____13,000_____. Are asbestos survey costs based on encapsulation, removal or a combination of both? Both

14 replaced w/ revised 2 sheets ENV.

* AS DISCUSSED BETWEEN CNET N4412, MR RYAN, ANK NAS MEMPHIS ENV STAFF. G.P. Manley CNET N443 8 JUN 94

ATTACHMENT 2 SUBMIT

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

REPLACED BY ENVIRONMENT 2 RESPONSE CNOT N44 4 JUN 94

Program	Survey Completed? [1]	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	No	3	3	3	4	10	10
Hazardous Waste	No	200	200	200	200	452	492
Safe Drinking Water Act	No	120	620	620	620	1280	1280
PCBs	No		20	25	25	25	25
Other (non-PCB) Toxic Substance Control Act	No						
Lead Based Paint	No		500	500	500	500	500
Radon	No		500	500	500	500	500
Clean Water Act	No	202	952	952	1010	1836	1766
Solid Waste	No	200	200	200	200	400	400
Oil Pollution Act	No		200	200	200	400	400
USTs	No	1102	1102	2202	703	1008	1008
Other *ASBESTOS*	No		300	800	800	500	500
Total		1827	4597	6202	4762	6911	6881

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

6b.
Does your base have structures containing asbestos? YES What % of your base has been surveyed for asbestos? 100 Are additional surveys planned? NO What is the estimated cost to remediate asbestos ($K) 13,000 Million [1]. Are asbestos survey costs based on encapsulation, removal or a combination of both? Both [1]

[1] As reported by NAS Memphis, See Enclosure (3) (Faxed ltr 11000 Ser 5P/002266 of 2 Jun 94 CNET N-4412, R. Ryan, 6-2-94

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	0	0	0	0	0	0	0	0
	PA	0	0	0	0	0	0	0	0
	Other O&MN* (specify)	569	569	569	569	569	574	1170	1170
Other (specify)		0	0	0	0		0	0	0
TOTAL:		569	569	569	569	569	574	1170	1170

*Includes equipment, labor, training, and BOS contractor environmental services.

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. No

AMMENDMENT 2
SUBMIT

6c. Provide detailed cost of operational (environmental) compliance costs, with funding source.

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN			484	484	484	484	1000	1000
HA								
PA								
Other (specify)								
TOTAL			484	484	484	484	1000	1000

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.
No.

7. INSTALLATION RESTORATION

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	NO

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
SWMU 2	CA	NO	NO	NO	2M/FY98	RFI
SWMU 9	CA	NO	NO	NO	1.5M/FY98	RFI
SWMU 14	CA	NO	NO	NO	.35M/FY98	RFI
SWMU 17	CA	NO	NO	NO	.5M/FY96	CSI
SWMU 19	CA	NO	NO	NO	.5M/FY96	CSI
SWMU 20	CA	NO	NO	NO	.1M/FY96	CSI

[1] Type site: CERCLA, 'RCRA corrective action (CA), UST or other (explain)

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

REPLACED BY AMMENDMENT 2 CNET GEManley N443 4JUN94

7. INSTALLATION RESTORATION

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	NO

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
SWMU 2	CA	NO	NO	NO	2M/FY98	RFI
SWMU 9	CA	NO	NO	NO	1.5M/FY98	RFI
SWMU 14	CA	NO	NO	NO	.35M/FY98	RFI
SWMU 17	CA	NO	NO	NO	.5M/FY96	CSI
SWMU 19	CA	NO	NO	NO	.5M/FY96	CSI
SWMU 20	CA	NO	NO	NO	.1M/FY96	CSI

[1] Type site: CERCLA, 'RCRA corrective action (CA), UST or other (explain)

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

7. INSTALLATION RESTORATION

Page 15 (7b) continued

Site # or Name	Type site 1	Groundwater Contaminated?	Extends Off Base	Drinking Water Source?	Cost to Complete ($M)	Est. Compl.	Status2/ Comments
SWMU 23	CA	NO	NO	NO	.1M	FY97	CSI
SWMU 24	CA	NO	NO	NO	.1M	FY96	CSI
SWMU 30	CA	NO	NO	NO	.15M	FY96	CSI
SWMU 38	CA	NO	NO	NO	.3M	FY98	RFI
SWMU 39	CA	NO	NO	NO	.15M	FY97	CSI
SWMU 41	CA	NO	NO	NO	.6M	FY97	CSI
SWMU 43	CA	NO	NO	NO	.1M	FY96	CSI
SWMU 45	CA	NO	NO	NO	.1M	FY96	CSI
SWMU 46	CA	NO	NO	NO	.1M	FY96	CSI
SWMU 47	CA	NO	NO	NO	.1M	FY97	CSI
SWMU 48	CA	NO	NO	NO	.1M	FY96	CSI
SWMU 49	CA	NO	NO	NO	.1M	FY96	CSI
SWMU 59	CA	NO	NO	NO	.5M	FY98	RFI
SWMU 61	CA	NO	NO	NO	.1M	FY96	CSI
SWMU 63	CA	NO	NO	NO	.1M	FY96	CSI
SWMU 65	CA	YES	NO	NO	1M	FY98	RFI

7. INSTALLATION RESTORATION

Page 15 (7b) continued

Site # or Name	Type site 1	Groundwater Contaminated?	Extends Off Base	Drinking Water Source?	Cost to Complete ($M)Est. Compl.	Status2/ Comments
SWMU 23	CA	NO	NO	NO	.1M/FY97	CSI
SWMU 24	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 30	CA	NO	NO	NO	.15M/FY96	CSI
SWMU 38	CA	NO	NO	NO	.3M/FY98	RFI
SWMU 39	CA	NO	NO	NO	.15M/FY97	CSI
SWMU 41	CA	NO	NO	NO	.6M/FY97	CSI
SWMU 43	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 45	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 46	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 47	CA	NO	NO	NO	.1M/FY97	CSI
SWMU 48	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 49	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 59	CA	NO	NO	NO	.5M/FY98	RFI
SWMU 61	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 63	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 65	CA	YES	NO	NO	1M/FY98	RFI

REPLACED BY AMMENDMENT 2. CBMcauley CNET N443 4 JUN 94

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.
N/A

7d.

Is there a groundwater treatment system in place?	NO
Is there a groundwater treatment system planned?	NO

State scope and expected length of pump and treat operation.

N/A

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES

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

Yes. Relocatable hazardous material satellite storage buildings. The buildings are designed to provide adequate security, secondary containment, and fire protection for any type of hazardous material in accordance with all applicable Federal, State and local regulatory laws. However, Fire Department has ruled no flammables can be stored in these buildings.

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

Yes. RCRA Part B Permitted Waste Container Storage Facility. Maximum quantity of 17,160 gallons of hazardous waste in DOT approved containers (312 55-gallon drums). The RCRA Part B Permit became effective on September 15, 1986 and expires on September 15, 1996. A Class 2 modification was issued and became effective on February 9, 1994.

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

No.

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	N/A

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations? NO

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions. NONE

8. LAND / AIR / WATER USE

8a. List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

Parcel Descriptor	Acres	Location
NAVAL AIR STATION MEMPHIS	3448.44AC	
NAVAL HOSPITAL	38.69AC	

8. LAND / AIR / WATER USE

8a. List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

Parcel Descriptor	Acres	Location
NAVAL AIR STATION MEMPHIS	3448.44AC	
NAVAL HOSPITAL	38.69AC	

REPLACED BY AMMENDMENT 2. CDManley CNET N443 4 JUN 94

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.)		NAS 3086 / Hospital 39
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: *
		All Others: 294
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		
Total Undeveloped land considered to be without development constraints		68
Total Off-base lands held for easements/lease for specific purposes		
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	14
	HERF	
	HERP	
	HERO	
	AICUZ	
	Airfield Safety Criteria	813
	Other	**

*See previous comments
**Communications clear zones ..52 AC
Fuel farm.....24 AC
Ranges.....29 AC

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. NONE

8d. What is the date of your last AICUZ update? _05__/_____/1993 Are any waivers of airfield safety criteria in effect on your base? Yes Summarize the conditions of the waivers below.

*** SUMMARY OF AIRFIELD SAFETY WAIVERS CONTINUED ON PAGE 20***

SUMMARY OF AIRFIELD SAFETY WAIVERS

M-2 Aircraft Power Check Facility - Permits operation of power check facility in close proximity to taxiway.

M-3 Airfield Meteorological Equipment - Permits operation of weather equipment adjacent to the runway.

M-4 MATCU GCA Complex - Permits operation of Marine Air Traffic Control Unit Ground Control Approach Compound.

M-5 GCA Trailers on Turntables - Cancellation in progress (replaced by waiver M-17).

M-6 Navy Lake - Permits Navy Lake to remain in vicinity of runway end zone.

M-7 Obstructions in Approach to Runway 14 - Permits fence, power poles and Illinois Central Railroad to remain in the approach area of Runway 14.

M-14 End Zones and Overrun Runway 4-22- Permits end zones and crash strips for runway 4-22 not to meet minimum planning standards; i.e., not graded and stabilized.

M-15 Earth Banks - Permits earth banks to penetrate lateral clearance zones in vicinity of runways.

M-17 PAR (9AN/FPN -63) and Reflectors - Permits operation of precision approach radar and associated reflectors.

M-18 Fence - Permits construction of 4 foot high fence near apron between hanger N-126 and washrack 1636.

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.

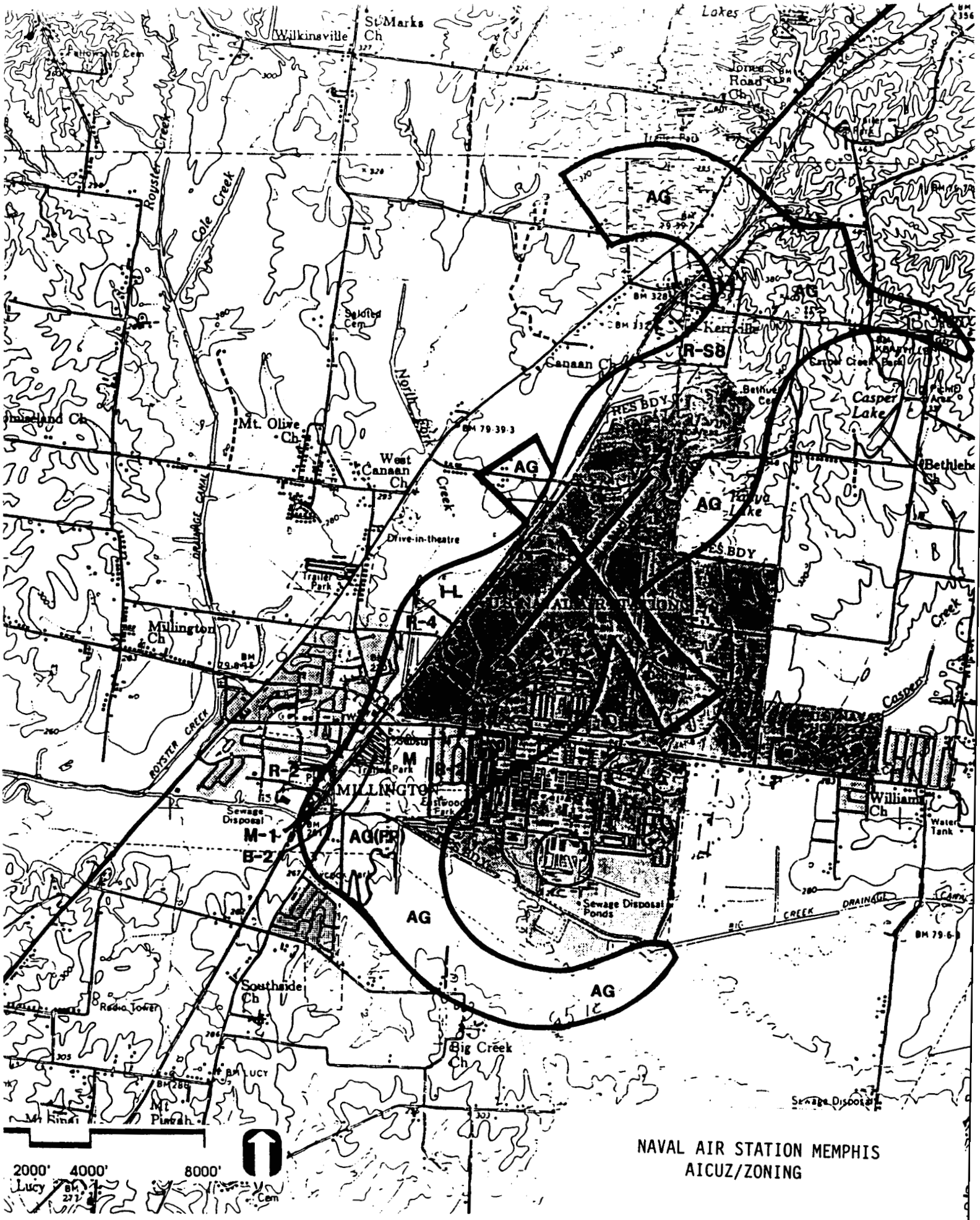
Acreage/Location/ID	Zones 2 or 3	Land Use	Compatible/ Incompatible
1644 (AG & AG (FP))	*	Agricultural	C
178 (M & M-1)	*	Industrial	C
41 (B2)	*	Commercial	C
160 (IL)	*	Office	I
295 (R-2, R-4, R-58 & AHR)	*	Residential	I
30 (Eastwood Park)	*	Park	C

*Map B-10 of 1993 AICUZ study shows "Zoning within AICUZ" and only indicates composite AICUZ zone (accident potential zones and 65db contour). Does not indicate zones 2 or 3. See attached map.

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.

N/A

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost ($M)


Wilkinsville
St Marks Ch
Lakes
Jones Road Ch
Royster Creek
Cole Creek
AG
R-S8
Kerrville
Canaan Ch
Casper Creek Park
Casper Lake
Mt. Olive Ch
West Canaan Ch
North Fork Creek
AG
AG
Drive-in-theatre
Trailer Park
HL
R-4
Millington Ch
ROYSTER CREEK
R-2
M
MILLINGTON
Sewage Disposal
M-1
B-2
AG(PR)
AG
Sewage Disposal Ponds
Williams Ch
Water Tank
BIG CREEK DRAINAGE
Southside Ch
Radio Tower
Big Creek Ch
Mt Pisgah
2000' 4000' 8000'
NAVAL AIR STATION MEMPHIS
AICUZ/ZONING

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

None - N/A

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	N/A
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	N/A
Are the dredged materials considered contaminated? List known contaminants.	N/A

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

N/A

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

N/A

8k.

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	NO

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. None

9. WRAP-UP

9a. Are there **existing or potential environmental showstoppers** that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions?

None.

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

None.

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

None.

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

None.

Command: **NAS Memphis**

Data Call Number Thirty Three/Amendments One and Two

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

MAJOR CLAIMANT LEVEL

T. L. McCLELLAND
NAME

Signature

Acting
Title

6/7/94
Date

CNET
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)

P. W. Donovan
NAME

Signature

Title

6/24/94
Date

BRAC-95 CERTIFICATION
BRAC DATA CALL THIRTY-THREE EXPLANATION

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 for audit purposes.

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

ACTIVITY COMMANDER

CAPTAIN T. L. WILLIS	T. L. Willis
NAME	SIGNATURE
COMMANDING OFFICER	6/2/94
TITLE	DATE

NAVAL AIR STATION MEMPHIS
ACTIVITY

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 for audit purposes.

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

ACTIVITY COMMANDER

CAPTAIN T. L. WILLIS	T. L. Willis
NAME	SIGNATURE
COMMANDING OFFICER	25 MAY 94
TITLE	DATE

NAVAL AIR STATION MEMPHIS
ACTIVITY

Enclosure (2)

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 for audit purposes.

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

ACTIVITY COMMANDER

CAPTAIN T. L. WILLIS	T. L. Willis
NAME	SIGNATURE
COMMANDING OFFICER	16 MAY 94
TITLE	DATE

NAVAL AIR STATION MEMPHIS
ACTIVITY

513

MILITARY VALUE:
DATA CALL WORK SHEET FOR
ADMINISTRATIVE ACTIVITY: Bureau of Naval Personnel
ACTIVITY UIC: Primary BUPERS: 62980 and various others

Category . . . . . Personnel Support
Sub-category . . . . . Administrative Activity

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

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

TABLE OF CONTENTS

I. MISSION REQUIREMENTS 1

1. Mission statement 1

2. Client/customer base 1
3. Work breakdown structure 1

II. FACILITIES 4

4. Facilities Description. 4
5. Required improvements 6
6. Impact of facilities condition 8

MILITARY VALUE

III. LOCATION 11

7. Geographic location 11
8. Manpower and recruiting issues 11

IV. Features and Capabilities 12

9. Computation/data processing assets. 12
10. Mobilization and expansion capability 13

V. Quality of life 16

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

In responding to questions in this data call, assume previous BRAC closures and realignments are implemented on schedule.

I. MISSION REQUIREMENTS

1. Mission statement. State the mission of this organization in sufficient detail that it can be distinguished from other organizations providing administrative support. Relate this expression of mission to the impact on that mission if the activity were to be relocated.

- Conduct review and oversight of the Command Evaluation, Internal Control, and audit liaison/follow-up programs for the claimancy.

- Budgets, accounts, and reports for programs assigned and controls obligations and expenditures of appropriated funds allocated to finance approved programs.

- Administers the advancement, retirement, separation, and distribution of Regular and Reserve Navy personnel.

- Maintains the Navy's total force manpower requirements and authorization systems and personnel management information system for the Navy.

- Sponsors the Navy's Quality of Life Program.

- Advises CNO on military compensation policy, pay entitlement, and travel reimbursement matters.

- Manages the total force manpower requirements and Navy end strength accounting and billet quality.

- Formulates military personnel policies and plans necessary to implement Navy's mobilizations plans.

- Maintains records of service of active Navy personnel.

- Administers the central-nonappropriated funds available for the welfare and recreation of Navy personnel.

UIC: Primary 62980 and various others

• Administers those functions prescribed by law involving benefits for Navy personnel and their dependents.

• Prepares, revises, and publishes U.S. Navy Uniform Regulations and the Register of Commissioned and Warrant Officers of the U.S. Navy. Jointly with the Comptroller of the Navy (NAVCOMPT) and the Commandant of the Marine Corps (CMC) prepares and revises Navy travel instructions and such other publications necessary for the proper administration of personnel.

• Administers selection boards to consider permanent commissioned officers on the active duty lists of the Navy permanent promotion to the next higher grade, for continuation, and for selective early retirement; and selection boards for promotions of officers of the Naval Reserve not on the active duty list.

• Administers personnel management actions in support of the Navy Disability Evaluation System.

• Provides administrative and technical guidance for certain personnel related functions performed Navy-wide, except as otherwise prescribed by the CNO, such as:
- Armed Forces leave program for the Navy
- Morale, welfare, and recreation activities
- Transportation of Navy personnel and their dependents
- Determining habitability and occupancy criteria for bachelor housing
- Performance, discipline, and separation
- Operation of naval places of confinement
- Implementation and management of programs for improved human relation/human resource management

• Manages personnel manning for activities, commands , and programs administered by BUPERS or which may be assigned by the CNO.

• Provides professional, technical, and administrative support to the office of the Chief of Chaplains.

• Manages the research effort for manpower, personnel, and training programs.

• Maintains and administers an effective and efficient structure of officer and enlisted classifications to provide a sound basis for manpower and personnel management and administration in the Navy.

UIC: Primary 62980 and various others

- Assists the CNO, Naval Facilities Engineering Command, and other major claimants in the planning and programming of personnel support facilities.

2. **Client/customer base.** In the table below indicate the top five clients/customers in terms of direct man-years of support provided by this activity and indicate the percentage of the activity's resources that are directed to that client or customer.

Ltr. code	Client/customer	Client location	Percent resources
A.	Navy personnel and commands	Worldwide	85
B.	OPNAV/OSD/JSC/CINCS Staffs	Worldwide	10
C.	Navy Secretariat	Washington, D.C.	5
D.			
E.			

3. **Work breakdown structure.** The work breakdown structure provided in the following table is a modified version of the breakdown structure obtained from the Defense Regional Interservice Support (DRIS) Program. Indicate space, desktop computers, and personnel allocated to these functions. The total row at the bottom of the table should account for all resources.

This table reflects BUPERS, NMPS, MWRTU and NAVMAC only in their current facilities. Numbers reflect both appropriated fund and non-appropriated fund employees.

Function	Space allocated (KSF)	Desktop computers allocated	Civilian personnel positions	Contract work-years	Off. bil.	Enlisted billets
Management	107	484	236		108	140
Comptroller	4	32	18		12	2
Human Resources						
Administrative services	425	1738	940	374	419	556

UIC: Primary 62980 and various others

Function	Space allocated (KSF)	Desktop computers allocated	Civilian personnel positions	Contract work-years	Off. bil.	Enlisted billets
Audio/visual services						
Automated data processing/automation services	10	44	12	13	5	12
Civilian personnel services						
Clubs						
Communication services						
Community support services						
Confinement and detention centers						
Custodial services						
Education services						
Engineering support						
Equipment operation, maintenance, and repair						
Facilities and real property support						
Facility maintenance and repair						
Finance and accounting						
Food services						

UIC: Primary 62980 and various others

Function	Space allocated (KSF)	Desktop computers allocated	Civilian personnel positions	Contract work-years	Off. bil.	Enlisted billets
Health services						
Housing and lodging services						
Information services						
Installation retail supply and storage operations						
Legal services						
Military personnel support						
Mobilization support						
Mortuary services						
Printing and reproduction						
Purchasing and contracting services						
Resource management						
Training services						
Transportation services						
Weather service						
Other support	37	20	40			
TOTALS	583	2318	1246	387	544	710

UIC: Primary 62980 and various others

Provide a description of any other support provided.

Other support reflects space for the Morale, Welfare & Recreation Training Unit and pieces of the Navy Motion Picture Service. These spaces comprise a variety of functions such as instructional kitchen, instructional theatre, reproduction center, ect.

BUPERS considers space for the Military Personnel Records System (MPRS) as Administrative service. However, when the new Electronic Military Records System (EMPRS) is implemented, this space will more accurately be ADP services.

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

II. FACILITIES

4. Facilities Description. This section reflects BUPERS, NMPS, MWRTU and NAVMAC in their current facilities.

a. Government-Owned Facilities. In the following table, indicate the space available, average age, and condition for each building type.

Building type	NAVFAC (P-80) category code	Government-Owned				
		Avg. age	Installation space (KSF)			
			Ade-quate	Sub-stand ard	In-ade-quate	Total
Admin. office	610-10	53	471			471
Automatic data processing installation	610-20	53	10			10
Legal services	610-40					
Admin storage	610-77					
Underground administrati ve office	620-10					
Underground ADP installation	620-20					
Underground admin storage	620-77					
All other		18	32			32
Total			513			513

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

b. **Leased space.** In the following table, provide information for leased space.

Type of space	Bldg name	Address	KSF	Lease Exp Date	Cost to DON for lease cost per Sq. Ft.
Admin office	Crossways 1	1445 Crossways Blvd. Chesapeake, VA 23320-2840	31	Sep 98	15.20
	Main Admin Building	270 Main St. New Rochelle, NY	34	2042	0
(ADP) installation					
Legal services					
Admin storage					
Underground admin office					
Underground ADP installation					

UIC: Primary 62980 and various others

Underground admin storage					
All other	Main Admin Building	270 Main St. New Rochelle, NY	4	2042	0
Total			70		15.20

various others

UIC: Primary 62980 and

4A. Facilities Description. This section reflects NSA Memphis.

a. Government-Owned Facilities. In the following table, indicate the space available, average age, and condition for each building type.

Building type	NAVFAC (P-80) category code	Government-Owned				
		Avg. age	Installation space (KSF)			
			Ade-quate	Sub-stand ard	In-ade-quate	Total
Admin. office	610-10	46	84	61	209	354
Automatic data processing installation	610-20					
Legal services	610-40	7	13*			13*
Admin storage	610-77					
Underground administrati ve office	620-10					
Underground ADP installation	620-20					

UIC: Primary 62980 and various others

Underground admin storage	620-77					
All other						
Total			97	61	209	367

* Provided by NLSO (Non-NSA Activity)

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

b. **Leased space.** In the following table, provide information for leased space.

Type of space	Bldg name	Address	KSF	Lease Exp Date	Cost to DON for lease cost per Sq. Ft.
Admin office	C-1 (CNTT HQ) **	Bldg C-1, NAS Memphis	62	2 Nov 2009	9.40
(ADP) installation					
Legal services					
Admin storage					
Underground admin office					
Underground ADP installation					
Underground admin storage					
All other					

UIC: Primary 62980 and various others

Total			62		9.40

** This facility will be taken over by BUPERS when the relocation occurs.

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

5. **Required improvements.** In the following table, indicate **programmed improvements** by cost and by building types for this activity.

Building type	**NAVFAC (P-80) category code**	**Programmed ($K)**	
		MILCON	**O&M**
Administrative office	610-10	52,912 *	
Automatic data processing installation	610-20		
Legal services	610-40		
Admin storage	610-77		
Underground administrative office	620-10		
Underground automatic data processing installation	620-20		
Underground admin storage	620-77		
All other			
Total		52,912	

* Projects P-320T thru P-326T for building modifications and telephone system upgrade to support BUPERS realignment.

Provide a descriptive assessment of the repairs and improvements purchased with these funds. Certified DD 1391's are included on the following pages.

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

5a. Capital Improvement Expenditures. List the project number, description, funding year, and value of the **capital improvements at your facility from 1988 to 1994.** Indicate if the capital improvement is a result fo BRAC realignments or closures.

PROJECT	DESCRIPTION	FUND YEAR	VALUE
P-192	AIR TRAFFIC CONTROL SCHOOL	FY 88	1,974
P-185	LEGAL SERVICE BUILDING	FY 88	1,278
P-278	AIR CONTROL RADAR FACILTIY	FY 88	$663,
P-182	POTABLE WATER SYS IMPROVEMENT	FY 88	$283,
P-092	AM SCHOOL/PHASE III	FY 88	4,961
P-122	LEASED BLDG FOR CNTECHTRA	FY 88	3,250
P-094	AO SCHOOL	FY 89	6,944
P-005	BRIG	FY 89	2,987
P-018	ROADS	FY 89	1,256
P-032	BARRACKS (660 PN)	FY 89	8,001
P-288	VFR TOWER TRAINER FACILITY	FY 90	$865,
P-150	HOBBY SHOP	FY 90	6,624
P-153	EXPAND BUILDING 760, CPO MESS	FY 90	1,950
P-072	AIRCRAFT MAINTENANCE HANGAR	FY 90	3,477
P-186	AE(A) SCHOOL	FY 90	$922,
P-283	SHIPBOARD AC FIRE TRNG FACILITY	FY 90	1,987
P-220	RESERVE TRNG/ADMIN BUILDING	FY 90	3,077
P-243	NAVY LODGE (2ND INCREMENT)	FY 90	1,611
P-102	AS SCHOOL	FY 91	9,818
P-033	BARRACKS (540 PN)	FY 92	8,757
P-255	AIRCRAFT RINSE FACILITY	FY 92	1,137

UIC: Primary 62980 and various others

5b. Planned Capital Improvements. List the project number, funding year, and value of the **non-BRAC related capital improvements** planned for years 1995 through 1997.

PROJECT	DESCRIPTION	FUND YEAR	VALUE
P-011	ACFT/STR FIRE/RESCUE STATION	FY 93	2,050
P-263	IMPROVEMENTS TO FIRE ALARM SYSTEM	FY 94	1,300
P-293	POTABLE WATER SYSTEM IMPROVEMENT (PHASE II)	FY 94	350
P-308	REPLACE 30 UST'S W/ABOVE GROUND	FY 95	410
P-053	AUTOMOTIVE MAINTENANCE SHOP	UP	1,850
P-055	PUBLIC WORKS SHOP	UP	2,450
P-104	INDOOR SWIMMING POOL BLDG	UP	1,287
P-151	LIBRARY	UP	16,696
P-184	FAMILY SERVICES CENTER	FY 96	1,100
P-228	BOILER REPLACEMENT, BLDG S-75	UP	28,000
P-274	ACTIVITY HEATING FUEL STORAGE	UP	2,400
P-299	REPLACE ELEVATED POTABLE WATER STG TANK	UP	1,050
P-004	POST OFFICE AND BANK	UP	2,450
P-280	NEW MINI MART WITH GAS DISPENSER	UP	1,500
P-281	NEW NAVY EXCHANGE DISTRIBUTION CENTER	UP	1,350

UIC: Primary 62980 and various others

5c. Planned Capital Improvements. List the project number, description, funding year, and value of the **BRAC related capital improvements** planned for 1995 through 1999.

PROJECT	DESCRIPTION	FUND YEAR	VALUE
P-320T	MODIFICATIONS TO BUILDING 457 AND 458	FY 95	6,200
P-321T	INSTALLATION OF TELEPHONE CABLE	FY 95	2,900
P-322T	AUTOMATIC TELEPHONE SWITCH	FY 96	5,600
P-323T	MODIFICATION TO BUILDING 789	FY 96	1,300
P-324T	MODIFICATION TO BUILDING 769	FY 96	7,400
P-325T	MODIFICATION TO BUILDING 768 AND C-1	FY 97	7,100
P-326T	MODIFICATION TO BUILDING 784, 785, 791 AND SITEWORK	FY 97	23,00

UIC: Primary 62980 and various others

6. **Impact of facilities condition.** Using the DRIS work breakdown, indicate the impact of the condition of the land, buildings, and other facilities (leased or government owned)on the performance of these functions by entering "P" for positive or "N" for negative impacts. Explain any positive or negative impacts in the Comments column. Only answer for functions for which the activity is currently responsible.
This section reflects BUPERS, NMPS, MWRTU and NAVMAC's current facilities.

Function	**Facilities condition impact on functional capability**	
	N or P	Comments
Administrative services	P	
Audio/visual services		
Automated data processing/automation services	P	
Civilian personnel services		
Clubs		
Communications services		
Community support services		
Confinement and detention centers		
Custodial services		
Education services		
Engineering support		

UIC: Primary 62980 and various others

Function	Facilities condition impact on functional capability	
	N or P	Comments
Equipment operation, maintenance, and repair		
Facilities and real property support		
Facility maintenance and repair		
Finance and accounting		
Food services		
Health services		
Housing and lodging services		
Information services		
Installation retail supply and storage operations		
Legal services		
Military personnel support		
Mobilization support		
Mortuary services		
Printing and reproduction		
Purchasing and contracting services		

UIC: Primary 62980 and various others

Function	**Facilities condition impact on functional capability**	
	N or P	Comments
Resource management		
Training services		
Transportation services		
Weather service		
Other support	N	Navy Motion Picture Service is currently in inadequate facilities. This will change with BRAC III renovations in Memphis.

UIC: Primary 62980 and various others

ADMINISTRATIVE ACTIVITIES DATA CALL

MILITARY VALUE

III. LOCATION

7. Geographic location. How does the activity's geographical location affect its mission performance?

a. What is the importance of its location relative to the clients supported?

b. What is the importance of its location relative to clustering of other activities?

8. Manpower and recruiting issues.

a. Are there unique aspects of the activity's location that help or hinder in the hiring of qualified personnel?

b. What would be the impact on the Navy and Marine Corps if the capabilities of the activity were to be lost? Answer this question in terms of the unique capabilities of the staff.

7.a. -Daily interaction with the State Department and embassies for passports and visas

-Access to multiple Navy activities to draw member for the numerous selection boards - any move outside area would dramatically increase travel & per diem costs

7.b. -Constant interaction with policy makers in Pentagon, on Capital Hill, and in other government agencies

-High level correspondence and directives chopped by many different activities in the area and/or signed by personnel in the Pentagon or White House

-Dual-hatted billet/positions from/to this Command - any moves that do not include the dual-hatted organization will require an increase in personnel

8.a. -Extensive personal contact with industry representatives and governing professional associations who are headquartered in DC metropolitan area

-Training costs for the first year of operation will be increased because of a large number of new employees. This will also impact the Command's ability to respond quickly and accurately to tasking and inquiries.

8.b. -Military personnel records space has special security and ventilation. There is a constant need for access to these records for update and inquiries. Any down time would degrade the quality of information and the timeliness of responses to inquiries. The cost of replacing this facility will be significant.

-Selection board areas are specially configured and will be costly to rebuild.

-Transportation and communication costs would increase dramatically because of the need to liaison with organizations that remain in the Washington, DC metropolitan area.

-Time delays would be experienced in responding to inquiries that require signature by high level officials that would not relocate from Washington, DC metropolitan area.

ADMINISTRATIVE ACTIVITIES DATA CALL
MILITARY VALUE

IV. Features and Capabilities

9. Computation/data processing assets. Use the following table to list non-desktop computing assets. These are assets that would normally comprise a computing center. This table reflects BUPERS, NMPS, MWRTU and NAVMAC only.

Type	**Acquisition date**	**Cost ($K)**	**Utilization rate (%)** (Based on 24 hours of use)
Altos 3086 MP Workstations	1988	42	100
IBM RS-6000	1993	69	42
Fujitsu Line Printer	1990	17	33
IBM Mainframe	1986	850	50
Data Entry System	1990	60	33
Wang Mini	1982	300	42
Peripherals and other misc. equipment			
Totals		1338	

Use the following table to indicate desktop computing capability.

Type	**Number**	**Average age (yrs)**
IBM PC compatible	1746	5
Macintosh		
Other	572	7

UIC: Primary 62980 and various others

9A. Computation/data processing assets. Use the following table to list non-desktop computing assets. These are assets that would normally comprise a computing center. This table reflects NSA Memphis.

Type	**Acquisition date**	**Cost ($K)**	**Utilization rate (%)** (Based on hours of use)
UNIX SYSTEM	June 93	60	75
10 wyse DT	June 93	4	75
DOSS Tandem/Splice	1989	154	90
TOPS (Personal Property)	1989	74	95
BCAS (Purchasing)	1992	50	95
Peripherals and other misc. equipment (Modem/Printers	June 93	8	/5
Totals		72	

Use the following table to indicate desktop computing capability.

Type	**Number**	**Average age (yrs)**
IBM PC compatible	184	2-3
Macintosh	0	
Other	0	

UIC: Primary 62980 and various others

10. **Mobilization and expansion capability.** In the following table indicate in the appropriate column if the activity has a mobilization responsibility for each function. The last three columns are designed to solicit information on the expansion capability of the activity by function for both mobilization and long-term expansion. For each function, in the third column indicate the maximum man-year-level of support that the activity could achieve given one month to reach this level. Assume that all other functions are maintained at pre-mobilization levels and that no manpower ceilings are in force. In the fourth column provide the same information only assume that one year is available for the expansion. In the last column indicate the number of personnel that would have to be added to "activity administration" to accommodate this growth. For all responses assume that no additional facilities are available beyond currently existing facilities.

Function	Mobilization response. (X)	1-month mobilization (man-year level)	1-year expansion	
			Man-year level	Admin add-on
Administrative services	+191	+75	+296	
Audio/visual services				
Automated data processing/automation services				
Civilian personnel services				
Clubs				
Communication services				
Community support services				
Confinement and detention centers				
Custodial services				
Education services				
Engineering support				
Equipment operation, maintenance, and repair				
Facilities and real property support				
Facility maintenance and repair				
Finance and accounting				
Food services				
Health services				
Housing and lodging services				
Information services				

UIC: Primary 62980 and various others

Function	Mobilization response. (X)	1-month mobilization (man-year level)	1-year expansion	
			Man-year level	Admin add-on
Installation retail supply and storage operations				
Legal services				
Military personnel support				
Mobilization support				
Mortuary services				
Printing and reproduction				
Purchasing and contracting services				
Resource management				
Training services				
Transportation services				
Weather service				
Other support				

UIC: Primary 62980 and various others

V. **Quality of life** This section is answered from the NAS Memphis standpoint.

a. Military Housing

(1) Family Housing:

(a) Do you have mandatory assignment to on-base housing? (circle) yes NO

(b) 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+	21	21		
Officer	3	30	30		
Officer	1 or 2	38	38		
Enlisted	4+	130	130		
Enlisted	3	454	454		
Enlisted	1 or 2	376	229	147	
Mobile Homes		-	-		
Mobile Home lots		50	50		

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

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 BASE REP?

(d) 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	-	
	2	-	
	3	-	
	4+	0	indefinite
O-4/5	1	-	
	2	-	
	3	4	indefinite
	4+	3	indefinite
O-1/2/3/CWO	1	-	
	2	5	indefinite
	3	3	indefinite
	4+	6	indefinite
E7-E9	1	-	
	2	22	indefinite
	3	11	indefinite
	4+	4	indefinite
E1-E6	1	-	
	2	137	indefinite
	3	111	indefinite
	4+	59	indefinite

[1]As of 31 March 1994.

UIC: Primary 62980 and various others

(e) What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

	Top Five Factors Driving the Demand for Base Housing
1	Convenience (NAVHOSP, Commissary, Exchange)
2	Cost of rent is reasonable.
3	Utility & maintenance costs are included.
4	Neighborhood security.
5	Lack of adequate public transportation.

(f) 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)? 85%

(g) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	99.5%
Substandard	99.21%
Inadequate	-

(h) 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?

Utilization rate is down because of problems related to encapsulating/removing asbestos and level loading the contract to ensure required maintenance is done.

UIC: Primary 62980 and various others

(2) BEQ:

(a) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	59%
Substandard	NA
Inadequate	NA

(b) 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?

As of 31 Mar 94, BEQ utilization rate went up to 74% due to the changes in the BQ adequacy criteria per NAVPERS 15606. There is not specific reason why the BEQ occupancy is less than 95%.

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

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

GOB average on board - 61.

(d) 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.)	36	59%	
Spouse Employment (non-military)	11	18%	
Other	14	23%	***
TOTAL	61	100	

(e) How many geographic bachelors do not live on base? UNKNOWN.

*** There are no sea billets after shore tour in Memphis, TN.

(3) BOQ:

(a) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	54%
Substandard	0
Inadequate	64%

(b) 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?

Except for increase in the SelRes on drill weekend, not much as occurred to change the BOQ utilization rate. There is not specific reason why the BOQ occupancy is less than 95%.

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

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

14.

(d) 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.)	11	78%	
Spouse Employment (non-military)	2	14%	
Other	1	8%	Retiring after tour.
TOTAL	14	100	

(e) How many geographic bachelors do not live on base?

Unknown.

UIC: Primary 62980 and various others

b. For on-base MWR facilities[2] available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION_____ **DISTANCE**_____

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	4	N
	Outdoor Bays	8	N
Arts/Crafts	SF	11,598	N
Wood Hobby	SF	4,900	N
Bowling	Lanes	36	Y
Enlisted Club *	SF	42,327	Y
Officer's Club **	SF	21,120	N
Library	SF	9,204	N
Library	Books	30,000	N
Theater	Seats	1,500	Y
ITT	SF	2,249	Y
Museum/Memorial	SF	-	
Pool (indoor)	Lanes	8	N
Pool (outdoor)	Lanes	16	N
Beach	LF	-	
Swimming Ponds	Each	-	
Tennis CT (9 lighted)	Each	11	N

***Consolidated ** Convention Center (Under NAVSUPPACT)**

[2]Spaces designed 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	3	N
Basketball CT (outdoor)	Each	1	N
Racquetball CT	Each	6	N
Golf Course	Holes	18	Y
Driving Range	Tee Boxes	35*	Y
Gymnasium	SF	51,300	N
Fitness Center	SF	10,207	N
Marina	Berths	-	
Stables	Stalls	-	
Softball Fld (5 Lighted)	Each	6	N
Football Fld (Lighted)	Each	1	N
Soccer Fld (2-portable	Each	4	N
Youth Center (5 buildings)	SF	9,584	N
Child Development Center	SF	20,572	N
Auto Hobby	SF	15,004	N

*15 Wod/20 iron ranges

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

No.

UIC: Primary 62980 and various others

d. Base Family Support Facilities and Programs

(1). 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	8	482			20	120+
6-12 Mos	12	1092			15	120+
12-24 Mos	30	1574			12	90
24-36 Mos	56	2900			11	90
3-5 Yrs	144	5184			47	30

(2). 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: N/A
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?

(3). 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.

Family Child Care and Resource & Referral Program for local community.

(4). How many "certified home care providers" are registered at your base?

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

None.

(6). 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	58,049
Gas Station	SF	940
Auto Repair	SF	6,631
Auto Parts Store	SF	5,086
Commissary	SF	64,680
Mini-Mart	SF	11,605
Package Store	SF	7,108
Fast Food Restaurants	Each	4
Bank/Credit Union	Each	1
Family Service Center	SF	6,550
Laundromat	SF	3,375
Dry Cleaners	Each	1
ARC	PN	
Chapel	PN	500 seats *
FSC Classrm/Auditorium	PN	50 **

* 103,765 persons served annually by the Chapel.

** 8,713 persons served annually in classrooms by FSC.

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

City	Distance (Miles)
MEMPHIS, TN	5
JACKSON, TN	60
LITTLE ROCK, AR	200

UIC: Primary 62980 and various others

f. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	22.86	12.79
E2	22.86	14.37
E3	6.16	4.54
E4	25.06	17.49
E5	20.37	14.22
E6	20.68	14.08
E7	36.30	25.22
E8	18.23	13.78
E9	2.34	1.77
W1	145.28	110.34
W2	81.34	63.80
W3	81.48	66.23
W4	76.95	68.22
O1E	69.21	51.34
O2E	58.63	46.74
O3E	66.64	56.38
O1	64.82	47.76
O2	62.31	48.71
O3	79.14	66.63
O4	57.00	49.57
O5	71.85	59.42
O6	7.27	63.96
O7	4.50	3.66

(2) What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	95%
Apartment (1-2 Bedroom)	97%
Apartment (3+ Bedroom)	97%
Single Family Home (3 Bedroom)	95%
Single Family Home (4+ Bedroom)	96%
Town House (2 Bedroom)	93%
Town House (3+ Bedroom)	95%
Condominium (2 Bedroom)	95%
Condominium (3+ Bedroom)	96%

(3) What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	$65,000
Single Family Home (4+ Bedroom)	$87,000
Town House (2 Bedroom)	$54,500
Town House (3+ Bedroom)	$77,500
Condominium (2 Bedroom)	$35,000
Condominium (3+ Bedroom)	$58,000

g. Off-base housing rental and purchase

(1) 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			
Apartment (1-2 Bedroom)	386-443	364-421	$40 - $70
Apartment (3+ Bedroom)	538	521	$100
Single Family Home (3 Bedroom)	650	400	$90
Single Family Home (4+ Bedroom)	850	475	$110
Town House (2 Bedroom)	475	410	$75 - $80
Town House (3+ Bedroom)	625	499	$85 - $100
Condominium (2 Bedroom)	465	365	$70
Condominium (3+ Bedroom)	610	439	$110

UIC: Primary 62980 and various others

(4) 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	10	94	6
February	8	132	14
March	28	116	18
April	22	204	18
May	20	152	22
June	30	238	32
July	38	184	20
August	28	186	24
September	14	158	14
October	20	168	16
November	30	174	8
December	22	160	24

(5) Describe the principle housing cost drivers in your local area.

1. Location
2. Bedroom size
3. Military Housing Allowance

UIC: Primary 62980 and various others

h. 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
AB	0	17
AME	0	5
AO	0	6
AW	0	0
AT	0	3

NOTE: Reporting NSA only as directed

i. 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)
Memphis	37	15	20
Millington	31	2	5
Atoka	7	15	20
Munford	4	10	15
Brighton	4	15	20

j. 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:

(1) 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
Brighton Elem	Public	K-5	Speech/ Hearing Resource		n/a	n/a	Tipton Co. Board of Educ
Crestview Elem	Public	K-5	CDC Resource		n/a	n/a	Tipton Co. Board of Educ
Drummonds Elem	Public	K-5	CDC Resource		n/a	n/a	Tipton Co. Board of Educ
Munford Elem	Public	K-5	Preschool CDC		n/a	n/a	Tipton Co. Board of Educ
Crestview Middle	Public	6-8	CDC Resource		n/a	n/a	Tipton Co. Board of Educ
Munford Middle	Public	6-8	CDC		n/a	n/a	Tipton Co. Board of Educ
Covington High	Public	9-12	CDC Resource		18.5	45%	Tipton Co. Board of Educ
Munford High	Public	9-12	CDC Resource Multi-HC (14-22)		19.7	45%	Tipton Co. Board of Educ
Cathedral Elementary	Parochial	K-6					Catholic Diocese Memphis

UIC: Primary 62980 and various others

Holy Rosary Elem	Parochial	K-8					Catholic Diocese Memphis
Madonna Day School	Parochial	Special					Catholic Diocese Memphis
Our Lady of Sorows Elem	Parochial	Pre, K-6					Catholic Diocese Memphis
St Agnes Academy	Private	Girls, Pre, K-8					Catholic Diocese Memphis
St Ann Elem	Parochial	K-8					Catholic Diocese Memphis
St Anne Elementary	Parochial	Pre, K-6					Catholic Diocese Memphis
St Augustine Elem	Parochial	Pre, K-6					Catholic Diocese Memphis
St Benedict at Auburndale	Parochial	4K-8					Catholic Diocese Memphis
St Dominic School for Boys	Parochial	Pre, K-8					Catholic Diocese Memphis
St Louis Elem	Parochial	K-8					Catholic Diocese Memphis
St Michael Elem	Parochial	Pre, K-6					Catholic Diocese Memphis
St Paul Elem	Parochial	Pre, K-6					Catholic Diocese Memphis
Bishop Byrne Middle & High	Parochial	7-12					Catholic Diocese Memphis
Christian Brothers High	Private	Boys, 9-12					Catholic Diocese Memphis

UIC: Primary 62980 and various others

De Neuville Heights	Parochial	Special 7-12					Catholic Diocese Memphis
Immaculate Conception Middle & High	Parochial	Girls, 9-12					Catholic Diocese Memphis
Memphis Catholic Middle & High	Parochial	7-12					Catholic Diocese Memphis
St Agnes Academy	Private	Girls, 9-12					Catholic Diocese Memphis
St Benedict at Auburndale Middle & High	Parochial	7-12					Catholic Diocese Memphis
Bartlett High	Public	9-12	FS, AF, XR		20.8	94.4	Shelby Co. Schools
Bolton High	Public	9-12	XR		20.4	96.0	Shelby Co. Schools
Collierville High	Public	9-12			20.8	94.6	Shelby Co. Schools
Germantown High	Public	9-12	FS, AF, XR		21.7	95.1	Shelby Co. Schools
Houston High	Public	9-12	FS, XR		22.2	95.1	Shelby Co. Schools
Kirby High	Public	9-12	XR		19.5	93.8	Shelby Co. Schools
Millington High	Public	9-12	FS, XR		20.3	91.4	Shelby Co. Schools
Altruria Elem	Public	K-5					Shelby Co. Schools
Arlington Elem	Public	K-8					Shelby Co. Schools
Barrets Elem	Public	K-8	FS, AF				Shelby Co. Schools
Bartlett Elem	Public	K-5	FS for 3-5				Shelby Co. Schools

UIC: Primary 62980 and various others

Chimneyrock Elem	Publ ic	K-3					Shelby Co. Schools
Collierville Elem	Publ ic	K-5					Shelby Co. Schools
Collierville Middle	Publ ic	6-8	FS				Shelby Co. Schools
Crosswind Elem	Publ ic	K-5	FS				Shelby Co. Schools
Crump Elem	Publ ic	K-5					Shelby Co. Schools
Dogwood Elem	Publ ic	K-5					Shelby Co. Schools
Ellendale Elem	Publ ic	K-6	FS, AF				Shelby Co. Schools
Elmore Park Middle	Publ ic	6-8	FS				Shelby Co. Schools
Farmington Elem	Publ ic	K-5	FS, AF				Shelby Co. Schools
Germantown Elem	Publ ic	K-4					Shelby Co. Schools
Germantown Middle	Publ ic	5-8					Shelby Co. Schools
E. A. Harrold Elem	Publ ic	K-6	FS, AF				Shelby Co. Schools
Highland Oaks Elem	Publ ic	K-8	FS for 3-5				Shelby Co. Schools
Houston Middle	Publ ic	6-8	FS, AF				Shelby Co. Schools
E. E. Jeter Elem	Publ ic	K-8					Shelby Co. Schools
Kate Bond Elem	Publ ic	K-5	FS				Shelby Co. Schools
Kirby Middle	Publ ic	6-8	FS				Shelby Co. Schools

UIC: Primary 62980 and various others

Lucy Elem	Public	K-5					Shelby Co. Schools
Millington Elem	Public	K-6					Shelby Co. Schools
Millington East Elem	Public	K-5					Shelby Co. Schools
Millington Middle	Public	6-8					Shelby Co. Schools
Millington South Elem	Public	K-5	FS, AF				Shelby Co. Schools
Mt. Pisgah Middle	Public	4-8					Shelby Co. Schools
Northaven Elem	Public	K-4					Shelby Co. Schools
Oak Elem	Public	K-6					Shelby Co. Schools
Riverdale Elem	Public	K-8	FS				Shelby Co. Schools
Ross Elem	Public	K-5					Shelby Co. Schools
Shadowlawn Middle	Public	6-8					Shelby Co. Schools
Southwind Elem	Public	K-8	FS				Shelby Co. Schools
Woodstock Elem	Public	K-8	FS				Shelby Co. Schools
Memphis City Schools	Public	K-12	Resource, CDC		18.1	48.9	Memphis City Schools Board of Ed
Covington Elem	Public	K-5	Hearing disabled; mentally retarded				Covington Superintendent of Instruction

UIC: Primary 62980 and various others

Covington Middle	Public	6-8	Speech/Hearing; CDC				Covington Superintendent of Instruction

UIC: Primary 62980 and various others

* MEMPHIS CITY SCHOOLS WERE UNABLE TO RESPOND COMPLETELY DUE TO DEADLINE.

** SHELBY COUNTY SCHOOLS - ACADEMIC PROGRAM OF EXCELLENCE (APEX) FOR THE GIFTED IS IN EVERY SCHOOL IN GRADES 1-10. RESOURCE CLASSES FOR THE LEARNING DISABLED ARE IN EVERY SCHOOL AT EVERY GRADE LEVEL. SPEECH THERAPY AND ASSISTANCE FOR THE VISUALLY IMPAIRED AND THE HEARING IMPAIRED ARE AVAILABLE AT EVERY SCHOOL ON AN AS-NEEDED BASIS. OTHER SPECIAL EDUCATION PROGRAMS ARE AVAILABLE AT THE INDICATED SCHOOLS. FS FS = FUNCTIONAL SKILLS AF = ADAPTED FUNCTIONAL SKILLS XR = EXPANDED RESOURCE

A COMPLETE LIST OF PRIVATE SCHOOLS NOT OBTAINED DUE TO DEADLINE.

UIC: Primary 62980 and various others

(2) 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	
STATE TECH	Day YES		YES		YES	
	Night YES		YES			
SHELBY STATE	Day YES				YES	
	Night YES				YES	
CHRISTIAN BROTHERS	Day YES				YES	
	Night YES				YES	
LEMOYNE-OWEN	Day YES				YES	YES
	Night YES				YES	YES
UNIV OF MEMPHIS	Day YES		YES		YES	YES
	Night YES		YES		YES	YES
CRICHTON COLLEGE	Day YES				YES	
	Night YES				YES	
SOUTHERN COLLEGE OF OPTOMETRY	Day YES				YES	
	Night					
RHODES COLLEGE	Day YES				YES	YES
	Night					
UNIV OF TENN	Day YES				YES	YES
	Night					
HARDING SCHOOL OF RELIGION	Day YES				YES	YES
	Night YES				YES	YES

UIC: Primary 62980 and various others

(3) 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	
STATE TECHNICAL INSTITUTE	Day					
	Night YES		YES		YES	
	Corres-pondence					
SHELBY STATE	Day					
	Night YES				YES	
	Corres-pondence					
EMBRY-RIDDLE	Day					
	Night YES				YES	YES
	Corres-pondence					
SOUTHERN ILLINOIS UNIVERSITY	Day YES					
	Night				YES	
	Correspon dence					
LEMOYNE-OWEN	Day YES				YES	
	Night YES					
	Correspon dence					
UNIVERSITY OF ARKANSAS	Day					
	Night YES					YES
	Corres-pondence					

UIC: Primary 62980 and various others

k. 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	267	260	265	*
Manufacturing	666	649	653	
Clerical	399	389	391	
Service	1333	1298	1325	
Other				

* Local Community Unemployment Rate for 1993 is 5.4

l. 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.

m. 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.

UIC: Primary 62980 and various others

n. 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.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	16	0	1
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
2. Blackmarket (6C)	0	0	
Base Personnel - military			
Base Personnel - civilian			1
Off Base Personnel - military			
Off Base Personnel - civilian			
3. Counterfeiting (6G)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
4. Postal (6L)	5	5	1
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

UIC: Primary 62980 and various others

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)			
Base Personnel - military	114	6	2
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
7. Larceny - Ordnance (6R)	0	1	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)			
Base Personnel - military	290	151	73
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

UIC: Primary 62980 and various others

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	489	362	234
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
10. Wrongful Destruction (6U)	262	254	127
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
11. Larceny - Vehicle (6V)	37	16	7
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
12. Bomb Threat (7B)	78	0	1
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	3	0	0
Base Personnel - military			

Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
14. Assault (7G)	150	91	94
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
15. Death (7H)	2	4	1
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
16. Kidnapping (7K)	1	0	2
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

UIC: Primary 62980 and various others

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	19	6	16
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
19. Perjury (7P)	1	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)	12	1	2
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)	372	241	184
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

UIC: Primary 62980 and various others

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

Note: All off-base incidents handled by civil authorities.

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. W. HEINES
NAME (Please type or print)

Signature

Acting Director/Comptroller
Title

13 June 1994
Date

Bureau of Naval Personnel
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER, VADM
NAME (Please type or print)

Signature

Chief of Naval Personnel
Title

14 JUN 1994
Date

Bureau of Naval Personnel
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

08 JUL 1994
Date

1. COMPONENT	FY - 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TN	MODIFICATIONS TO BUILDINGS 457 AND 458

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-320T	6,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MODIFICATIONS TO BUILDING 457	SF	57,353	36	2,070
MODIFICATIONS TO BUILDING 458	SF	57,353	35	2,010
NEW LOBBY, CORRIDOR	SF	4,720	101	480
BUILT-IN EQUIPMENT (ELEVATOR)	LS	1	80	80
NEW CLIMATE CONTROLLED FILM STORAGE	SF	9,500	54	510
SUPPORTING FACILITIES	LS			410
Special Construction Features	LS	-	-	(140)
Mechanical Utilities	LS	-	-	(90)
Paving & Site Improvements	LS	-	-	(180)
SUBTOTAL				5,560
Contingency (5%)				280
TOTAL CONTRACT COST				5,840
SIOH (6.0%)				350
TOTAL REQUEST				6,190-
TOTAL REQUEST ROUNDED				6,200

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modify two (2) 3 story barracks for Bureau of Naval Personnel (BUPERS) according to current Navy and DOD criteria. Additions to be made to include a three (3) story corridor linking the two buildings, a lobby, an elevator, a climate controlled warehouse and telephone and data communications system. The building additions are permanent concrete, masonry and steel construction. Support facilities will include cast-in place piling, seismic bracing and asbestos abatement. Building S-143 will be demolished.

Air Conditioning: 400 Tons Seismic Zone: Three (3)

11. REQUIREMENTS: 128,926 SF Adequate: 0 SF Substandard: 0 SF

PROJECT: Provides office and storage space for BUPERS Code Pers-65, Motion Picture Service and Morale Welfare Recreation Training Unit.

REQUIREMENT: The requirement is for office and storage space to house BUPERS groups being relocated from Washington, D.C., Patuxent River MD and New Rochelle, NY to NAS Memphis under BRAC III. The project will provide for modification of barracks to office occupancy.

CURRENT SITUATION: No other buildings become available under the BRAC III relocation schedule to provide the requirement.

IMPACT IF NOT PROVIDED: Will not comply with the requirements of Federal law as directed by BRAC III program.

1. COMPONENT	FY - 19 95 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
NAVY			19 May 94
3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
NAVAL AIR STATION MEMPHIS, MILLINGTON, TN		MODIFICATIONS TO BUILDINGS 457 AND 458	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-320T	6,200

9. COST ESTIMATES

ADDITIONAL:

Economic Alternatives Considered:

a. Status Quo:
This is not a viable alternative as the project supports a forced relocation of BUPERS from Washington, D.C., Patuxent River, MD and New Rochelle, NY to NAS Memphis. There are no other existing facilities in the area which will satisfy the requirement.

b. Leasing:
This is not a viable alternative to meet project requirements.

c. New Construction:
New construction would be more costly and would delay relocation of BUPERS groups.

d. Rehabilitation/Modernization/Alteration/Conversion:
This alternative will alter barracks into office and warehouse space for BUPERS. This is the recommended alternative.

e. Analysis Results:
Net present value calculations were not performed since new construction would delay relocation of BUPERS organizations.

BUDGET ESTIMATE SUMMARY SHEET

P- 320-T FY 95

TITLE: MODIFICATIONS TO BUILDINGS 457 & 458
LOCATION: NAS MEMPHIS, MILLINGTON TN
PREPARED BY: HBG MANAGEMENT
A.C.F.: 0.91

DATE OF ESTIMATE: 19 MAY 94
DESIGN STATUS: FACILITY STUDY
DATE ESCALATED TO: 1-Feb-95
ESCALATION FACTOR: 1.024

DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT COST	ESCALATED COST ROUNDED	COST TRANSFER TO 1391
MODIFICATIONS TO BUILDING 457	SF	57,353	36	2,065	2,070
MODIFICATIONS TO BUILDING 458	SF	57,353	35	2,007	2,010
NEW LOBBY, CORRIDOR	SF	4,720	101	477	480
BUILT-IN EQUIPMENT (ELEVATOR)	LS	1	80	80	80
NEW CLIMATE CONTROLLED FILM STORAGE	SF	9,500	54	513	510
					410
SUPPORTING FACILITIES					(140)
Special Construction Features					
Piling - Cast-in-place	LF	2,000	19	38	
Seismic Bracing/Structure	LS			37	
Asbestos Abatement	LS			60	
					(90)
Mechanical Utilities					
Water Distribution	LF	400	27	11	
Fire Protection	LF	250	22	5	
Sanitary Sewers	LF	150	48	7	
Heat Distribution	LF	220	302	66	
					(180)
Paving & Site Improvement					
Flexible Roads	LS			24	
Flexible Pavement & Drives	SY	1,900	19	36	
Earthwork	CY	1,100	7	8	
Storm Drainage	LF	450	17	8	
Remove Steam Pit	LS			24	
Demolition Bldg/Pavements	LS			80	

TOTAL CONTRACT COST W/O CONTINGENCY		5,560
CONTINGENCY	5%	280
TOTAL CONTRACT COST		5,840
SIOH	6%	350
TOTAL BUDGET COST		6,190
TOTAL BUDGET COST ROUNDED		6,200

PREVIOUS EDITIONS MAY BE USED INTERNALLY

FORM 1 DEC 76

UNTIL EXHAUSTED

DD1391c

APPENDIX A (Continued)

PRIMARY FACILITY UNIT COST DEVELOPMENT

TITLE: MODIFICATIONS TO BLDGS 457 & 458 (LOBBY) P#: P-320T

LOCATION: NAS MEMPHIS, MILLINGTON TN DATE: 5/19/94

PREPARED BY: R. BONNER PH#: 525.2557

	CAT CODE	SIZE	ACF	DATE mo / yr
PROPOSED FACILITY	610-10	4,720	0.91	2/95
GUIDANCE FACILITY	610-10	25,000	1.00	2/95

HISTORICAL GUIDANCE SOURCE: NAVFAC GUIDANCE UNIT COSTS * (6/93)

HISTORICAL GUIDANCE UNIT COST: 94 /SF

HISTORICAL UNIT COST	X	SIZE FACTOR	X	AREA COST FACTOR	X	ESCALATION FACTOR	=	ADJUSTED UNIT COST
94		1.15		0.91		1.024		100.73

* Show date of source as shown in Figure 21.

ADDITIONAL FUNCTIONAL FEATURES

FUNCTIONAL FEATURES	QTY	UNIT COST	TOTAL COST	ADJUSTED U/C	%CHANGE

FUNCTIONAL FEATURES TOTAL: _____ _____

TOTAL PRIMARY FACILITY UNIT COST: _____ includes built-in equipment

Figure A-3
Primary Facility Unit Cost Development

APPENDIX A (Continued)

PRIMARY FACILITY UNIT COST DEVELOPMENT

TITLE: MODIFICATIONS TO BLDGS. 457 & 458 (OP. STORAGE) P#: P-320T

LOCATION: NAS MEMPHIS, MILLINGTON TN DATE: 5/19/94

PREPARED BY: R. BONNER PH#: 525.2557

	CAT CODE	SIZE	ACF	DATE mo / yr
PROPOSED FACILITY	143.77	9,500	0.91	2/95
GUIDANCE FACILITY	143.77	4,000	1.00	2/95

HISTORICAL GUIDANCE SOURCE: NAVFAC GUIDANCE UNIT COSTS * (6/93)

HISTORICAL GUIDANCE UNIT COST: 62 /SF

HISTORICAL UNIT COST	X	SIZE FACTOR	X	AREA COST FACTOR	X	ESCALATION FACTOR	=	ADJUSTED UNIT COST
62		0.94		0.91		1.024		54.31

* Show date of source as shown in Figure 21.

ADDITIONAL FUNCTIONAL FEATURES

FUNCTIONAL FEATURES	QTY	UNIT COST	TOTAL COST	ADJUSTED U/C	%CHANGE

FUNCTIONAL FEATURES TOTAL: _____ _____

TOTAL PRIMARY FACILITY UNIT COST: _____ includes built-in equipment

Figure A-3
Primary Facility Unit Cost Development

1. COMPONENT	FY 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 457 AND 458	P-320T

1 Project:

The project will renovate two (2) three (3) story barracks buildings for use as office space and will construct a common lobby on the first floor, a corridor and elevator linking the buildings at each floor and a climate controlled warehouse. The project includes demolition of building S-143. Also included is air conditioning and electrical upgrade, new ceilings, carpet, wall finishes, telephone and data systems, computer area and fire protection. The office space will be occupied by Bureau of Naval Personnel groups which include PERS-65, Naval Motion Picture Service (NMPS), and Morale, Welfare and Recreation Training Unit (MWRTU).

2 Proposed Construction:

a. Type of Construction: Permanent

b. Replacement: Not applicable, forced relocation per BRAC III program.

c. Description of work to be done:

(1) Architectural:

The project consists of demolition of interior partitions, addition of new drywall and metal stud partitions, addition of common lobby space on ground floor of corridor link between two buildings which will also link the upper two floors. A climate controlled warehouse and an elevator will be added. The construction of the additions will be of permanent construction with exterior masonry walls with metal stud framing matching the existing buildings.

(3) Structural:

Three (3) story Elevator Connector will be framed by lightweight concrete slabs on composite deck supported by structural steel beams and columns. The Zone 3 seismic forces will be resisted by moment frames. The foundation system will be augercast piling bearing approximately 50 feet below the ground surface.

One story Warehouse Addition will be steel framed beams and columns with metal deck and bar joist roof. The Zone 3 seismic forces will be resisted by moment frames. The foundation system will be augercast piling bearing approximately 50 feet below the ground surface.

(4) HVAC:

Upgrading HVAC systems by replacing two (2) chillers (400 tons total), cooling towers, pumps and related piping, reworking ductwork, air distribution, insulation and controls to accommodate change in occupancy from barracks buildings to office buildings. Also providing independent air conditioning systems for Local Area Network (LAN) closets, controlled temperature warehouse addition and film storage.

(5) Plumbing:

The Plumbing modifications will include converting two of the restrooms on each level to women's, restrooms, providing handicapped accessible fixtures, drains for new HVAC equipment and miscellaneous plumbing fixtures through-out the buildings as required.

(6) Fire Protection:

The Fire Protection modifications will include relocating sprinkler heads to accommodate new partition and ceiling layouts and providing a new riser and sprinkler system in new warehouse area and corridor link.

(7) Electrical:

New lighting, power and communications for PERS-65 office environment. ADP room power for PERS-657 including UPS system and emergency generator system. Power for new telecommunications system Remote Switch Node, lighting and power for NMPS screening room, projection booth and warehouse. Lighting and power for MWRTU duplication center. Modification and upgrade to existing fire alarm system.

1. COMPONENT	FY 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 457 AND 458	P-320T

3 Cost Estimates:

a. Area Cost Factor: 0.91
b. Contingency Factor: 5%
c. Cost Growth Projection Factor: 1.024
d. Estimated Bid Date: 1-Oct-94
e. Midpoint of Construction: 1-Mar-95

4 Project Justification:

a. This project will modify two barracks buildings to be used as office space by the Bureau of Naval Personnel (BUPERS) groups which will be relocated from Washington D.C., Patuxent River, MD, and New Rochelle, NY to NAS Memphis under BRAC III. The project includes demolition of one building and addition to the two barracks buildings. Also included are augercast piling, lightweight concrete slabs on metal deck, steel framing and single ply membrane roof. Exterior walls are constructed of metal studs and exterior facing of masonry to match existing construction. The project also includes HVAC, electrical and fire protection upgrades.

b. The requirement for the project is to produce office space for BUPERS administrative personnel by modifying existing barracks buildings.

c. The Current Situation is that office space is not available at NAS Memphis.

d. The impact if not provided is that the BRAC III program at NAS Memphis cannot be implemented.

5 Collateral Equipment:

a. Built-in equipment will include heating, ventilating and air conditioning systems, elevator, telephone and data communication conduit and cabling system, built-in cabinets and shelving.

b. Personal Property and Initial Outfitting: BUPERS is currently performing an analysis of collateral equipment which may be made available for reuse from BRAC activities.

c. Supporting Facilities: Special construction features including some limited use of augercast piling, upgrade of HVAC, electrical and fire protection systems, cabling for telephone and data communication systems. Paved truck parking, drives and walkways are included.

6 Common Support Spaces

There are no common support facilities that can satisfy the requirements of this project.

7 Effect On Other Resources:

a. The project will not increase Operating and Maintenance Funds (OPMN) funds for utility services and operations since the base is changing from a training base to a Naval Support Activity which is of an administrative nature under BRAC III.

b. The utility requirements for the project are estimated to be:

(1) Electricity
Consumption and peak demand are being analyzed.

(3) Sewage
Generation: 855,800 gal/yr.

(3) Water
Consumption: 908,000 gal/yr.

8 Project Site

The location of the project is shown on the attached Site Plan NAS Memphis (South Side) (Exhibit 1).

1. COMPONENT	FY 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 457 AND 458	P-320T

9 Demolition

Demolition of Building S-143 is included in the project to provide access to the climate controlled warehouse.

10 Economic Analysis:

An economic analysis had not been prepared since there is no feasible alternative to satisfy the requirement of BRAC III Program.

11 Environmental Impact

An Environmental Impact Assessment will be performed for this project under separate contract.

12 Maintenance Facilities

Not applicable.

13 Morale, Welfare and Recreation Facilities

Not applicable.

14 Storage Facilities

Not applicable.

15 Hazards Assessment and Analysis

Risk Assessment is provided in Attachment A. The Risk Assessment Code assigned is 5-Negligible. A preliminary hazard analysis is not required.

16 Defense Access Roads

Not applicable.

17 Nuclear Survivability

Not applicable.

18 Industrial Facilities

Not applicable.

19 Telephones

Administrative telephone service for these facilities will be provided by the basic main telephone switching system. Telephones will be connected to the telephone switch by metallic and fiber optic cables in a manhole and duct system.

20 Intrusion Detect System

Not applicable.

21 Hyperbarics

Not applicable.

22 Uninterruptable Power System (UPS)

Not applicable.

1. COMPONENT	FY 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 457 AND 458	P-320T

23 Tempest Shielding
Not applicable.

24 Physical Security
This project has been reviewed in the context of installation of physical security plan and security features are not needed.

25 Preservation of Historical Sites And Structures
Not applicable.

26 Design For Accessibility of Physically Handicapped Personnel
Provisions for physically handicapped personnel will be incorporated into this facility.

27 Floodplain Management & Wetlands Protection
The proposed building modifications and additions are not located within a designated floodplain. Wetlands are not impacted.

28 Intergovernmental Coordination
Not applicable.

29 Planning in the National Capital Region
Not applicable.

30 NATO Infrastructure Program
Not applicable.

31 Endangered Species and Other Natural Resource Considerations
Current use of the site is barracks buildings and therefore it is anticipated that no negative impact to threatened or endangered species will be encountered.

32 Graphic Materials
Attachment A: Risk Assessment Code
Sketch exhibits are attached that depict the Site Plan, building floor plans, typical unit plans and facility configuration, as follows:

Exhibit 1	Buildings 457 & 458 Site Plan, NAS Memphis (South Side)
Exhibit 2	Vicinity Map: Buildings 457 and 458
Exhibit 3	Site Plan / Buildings 457 and 458
Exhibit 4	First Floor Plan / Building 457
Exhibit 5	Second Floor Plan / Building 457
Exhibit 6	Third Floor Plan / Building 457
Exhibit 7	First Floor Plan / Building 458
Exhibit 8	Second Floor Plan / Building 458
Exhibit 9	Third Floor Plan / Building 458

RISK ASSESSMENT CODE CALCULATION TABLE

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(2) 1	Operating environment is hazardous due to toxic substances, radiation, flammables, dusts, etc.	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(2) 1	Processes involve hazardous components (i.e. fuels toxics, acids, electrical components.)	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(1) 1	Operating, maintenance, test or emergency procedures may be inadequate due to such factors as high noise levels, building security, isolated building location, etc.	Procedural problems are very unlikely.	Problems unlikely but possible.	Problems likely to occur on occasion.	Significant problems may be anticipated.	Serious problems	5
(2) 1	Engineering Controls (safety interlocks, adequate ventilation, protective guards/ shields, etc) are essential to provide adequate safety.	Engr. control failure would not create a significant additional hazard.	Engr. control failure would increase hazard to worker slightly.	Engr. control failure would cause concern but processes are only moderately hazardous.	Engr. control failure would create serious concern.	Failure of engr. controls would create a dangerous situation.	5
(1) 1	Operational and safety training is important for work protection.	Training is desirable even though accident potential is low.	Without training, accident potential is moderate.	Without training, accidents may occur once or twice a year.	Without training, accidents probably will occur several times each year.	Without training, accidents are likely to occur frequently.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(4) 1	The facility uses or could produce hazards well above those which the human body could tolerate and persons are required to work in or enter these high energy areas during operations (i.e. pressure vessel testing, explosive potential, flammable liquid mixing, etc.)	Limited infrequent employee exposure. Risk to employee is very unlikely.	Occasional employee exposure. Redundant safeguards. Limited employee risk.	Regular employee exposure for limited durations. Moderate employee risk.	Frequent employee exposure. Energy release could cause serious injury.	Employee exposure is continuous. Inadvertent energy release could cause death.	5
(4) 1	Facility hazards are such that control system failure would have a serious impact on mission capability or serious damage to the facility resulting in a large dollar loss.	Limited value facility. Redundant controls or relatively minor hazards.	Facility of moderate value/ importance. Control system failure could result in minor property damage.	Important facility with at least one or two relatively hazardous operations.	Very important hazardous facility. Control system failure likely to result in major damage.	Very hazardous, critical facility. Control system failure likely to result in a total loss.	5
(2) 1	Facility operating equipment presents a hazard due to potential for chemical burns, electric shock, cutting edges, sharp points, etc.	Small amount of hazardous equipment, presents slight additional hazards.	Some hazardous equipment present creating a minor potential for injury.	Moderate amount of hazardous equipment. Minor injuries probable if operated unsafely.	Significant quantity of hazardous equipment presents a serious injury potential.	Large quantity of hazardous equipment. Severe injury potential.	5
(2) 1	Personal protective equipment (PPE) is essential to protect workers from facility hazards.	PPE is desirable at times, though exposure to hazards is unlikely.	PPE is required on occasion but hazards are limited and and well controlled.	PPE is required at most times for worker protection.	Lack of PPE will probably expose worker to danger.	Lack or failure of PPE would immediately result in danger to worker.	5

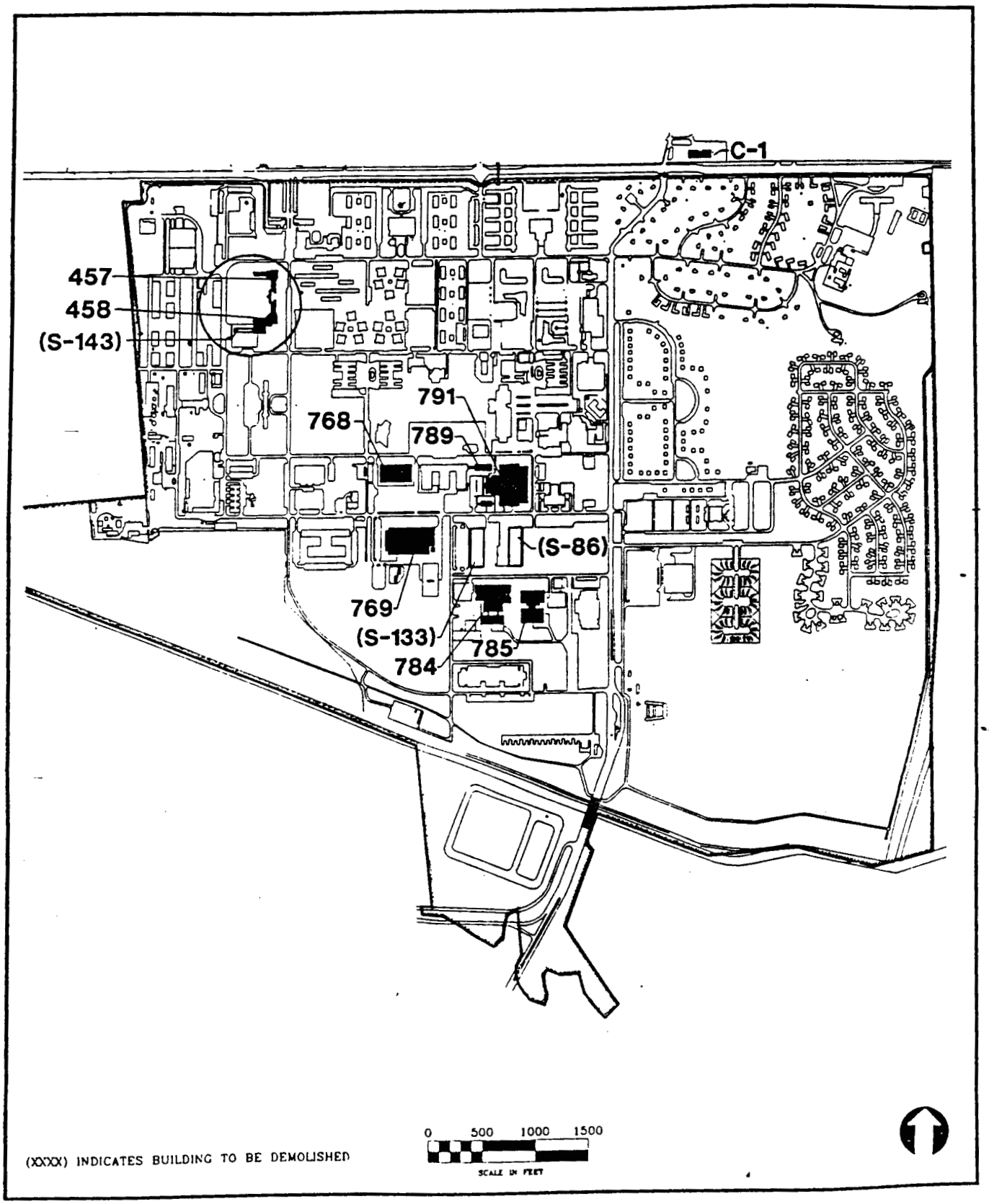
Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(3) 2	Facility is open to the general public. Occupants may include persons handicapped by physical or mental disability, age, illness or security measures not under the occupant control.	Exposure of handicapped occupants to hazard is considered remote.	Exposure of handicapped occupants to hazard is unlikely but possible.	Handicapped occupants may well be exposed to hazards on occasion.	Significant hazards to handicapped occupants.	Hazardous facility. Handicapped occupants are at risk.	10

Multiplier total = 11

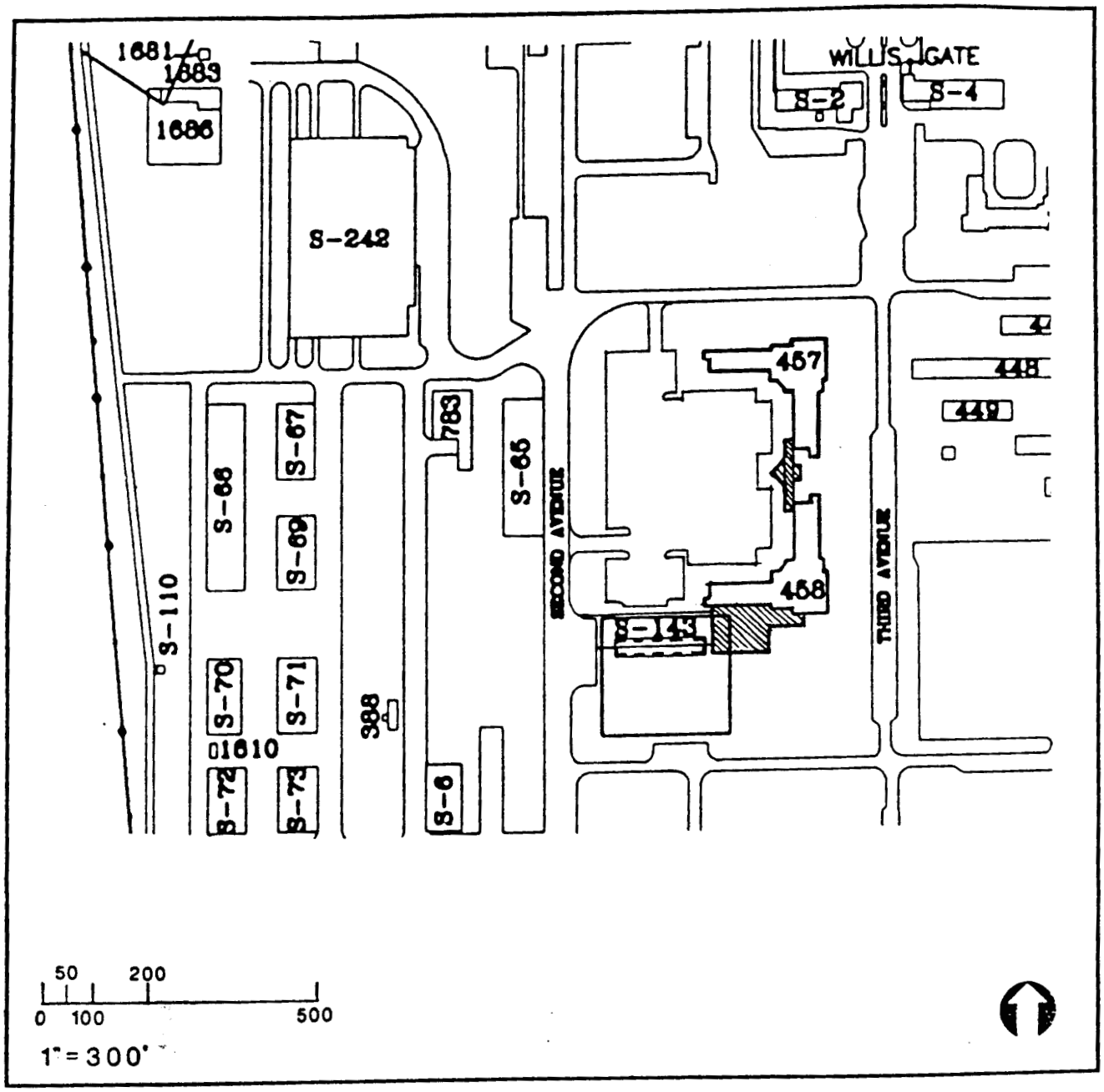
GRAND TOTAL
(Weighted Total Sum) = 55

(Divide Weighted Total Sum) to obtain Numerical RAC Figure = 55/11 = 5.00
(By Multiplier Total Sum)

BUILDINGS 457 & 458 SITE PLAN
NAS MEMPHIS (SOUTH SIDE)

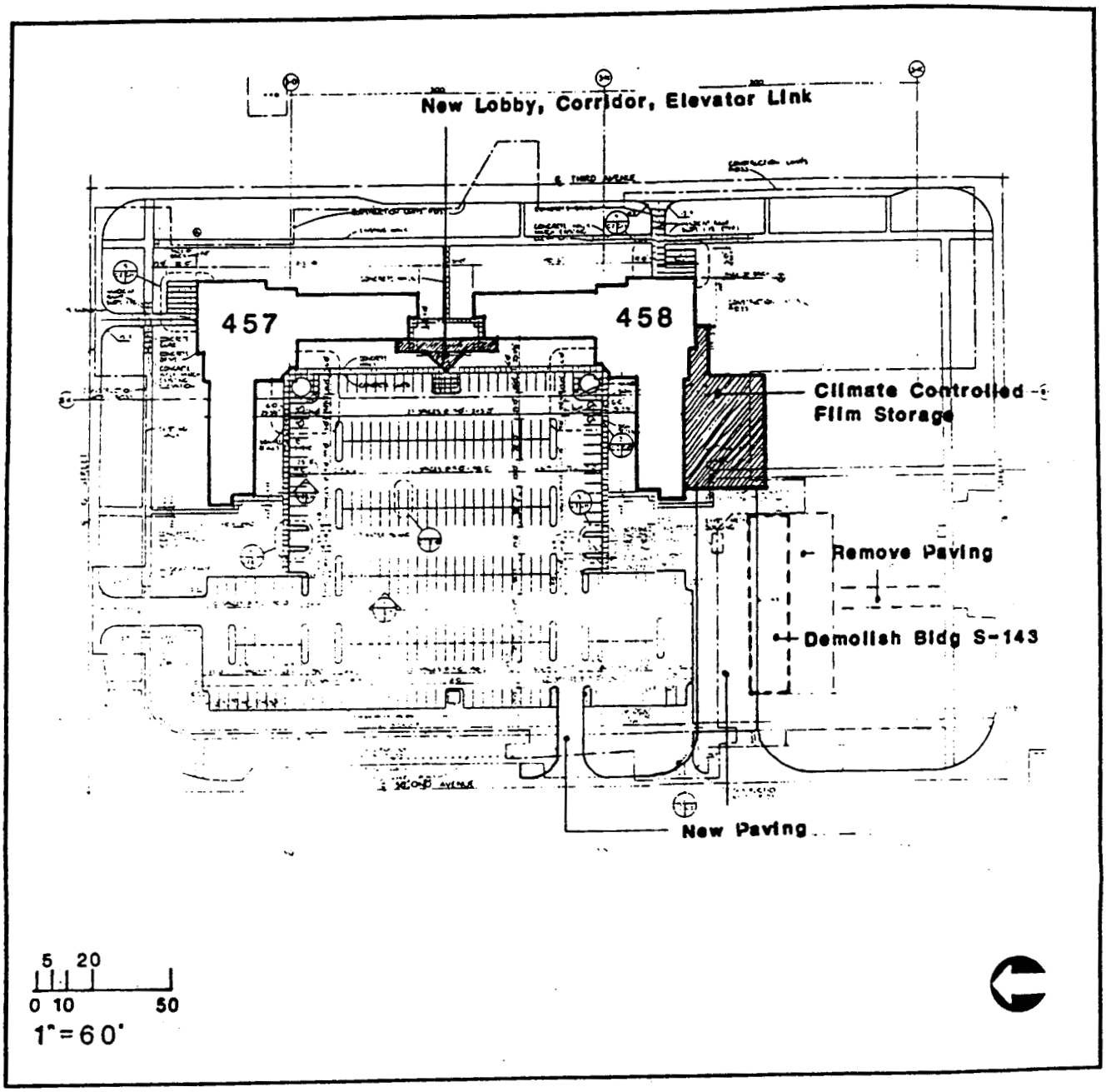


VICINITY MAP
BUILDINGS 457 AND 458



EXISTING CONDITIONS	SITE MODIFICATIONS
Refer to Site Plan for Buildings 457 and 458	Refer to Site Plan for Buildings 457 and 458

SITE PLAN
BUILDINGS 457 AND 458



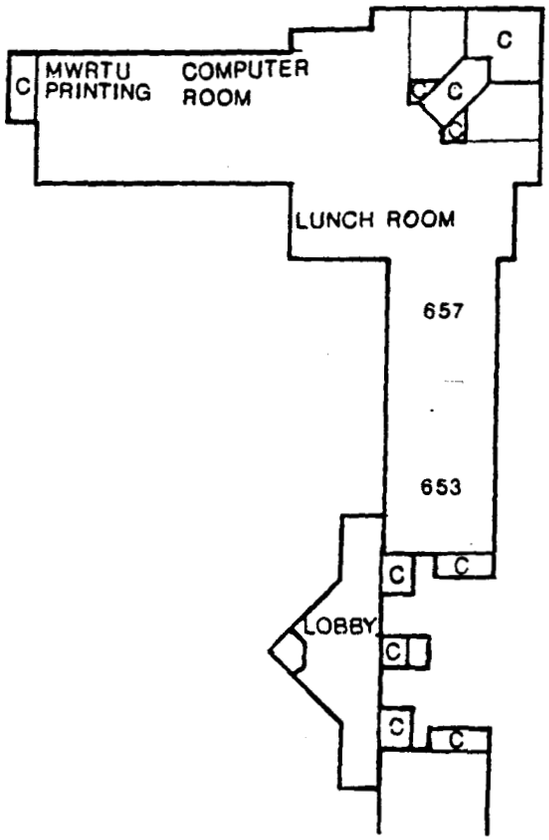
EXISTING CONDITIONS

- Parking for 316 vehicles
- Small trees at perimeter of site
- Utilities
  - 8" fire protection line
  - 4" Domestic water line
  - Steam (4" S) (2" PC)
  - 8" Sanitary sewer
  - Pad mounted transformer 500KVA, 277/480V

SITE MODIFICATIONS

- Add lobby, corridor, and elevator link
- Add climate controlled film storage
- Add truck access to film storage
- Demolish Building S-143
- Remove paving and fencing at Buiding S-143

FIRST FLOOR PLAN
BUILDING 457



10 50
0 20 100
1" = 80'

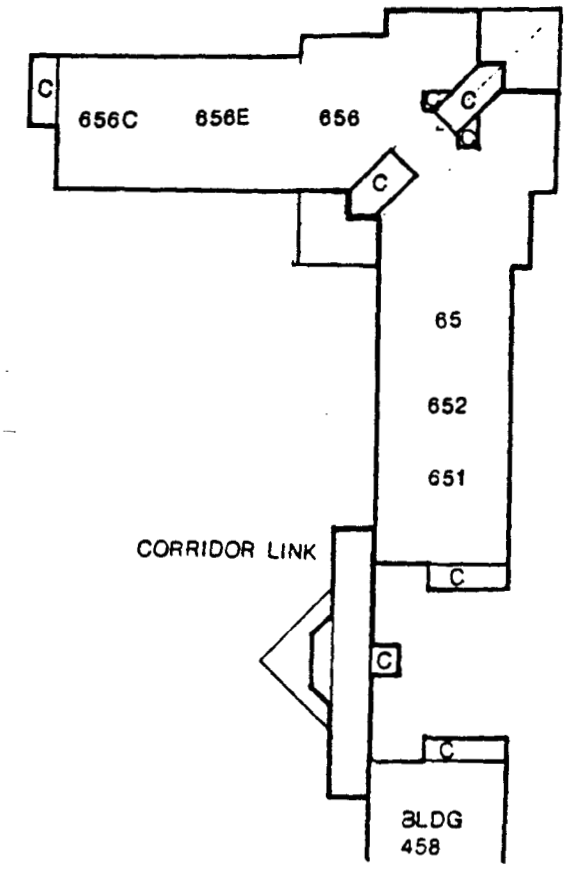
C = Core Space
COM = Common Space

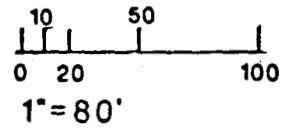
BUILDING EFFICIENCY/ UTILIZATION	
Existing Available SF	
Gross Square Footage	57,353
Usable Square Footage	39,445
Net Square Footage	28,175
Building Efficiency %	49.13%
Required Net SF	25,628

MAJOR MODIFICATION REQUIREMENTS

1. Add lobby/corridor/elevator link to building 458
2. Remove partitions, ceilings, lights, and ductwork in wings
3. Modify mechanical, electrical, and plumbing
4. Add ceilings, lighting, and office finishes

SECOND FLOOR PLAN
BUILDING 457



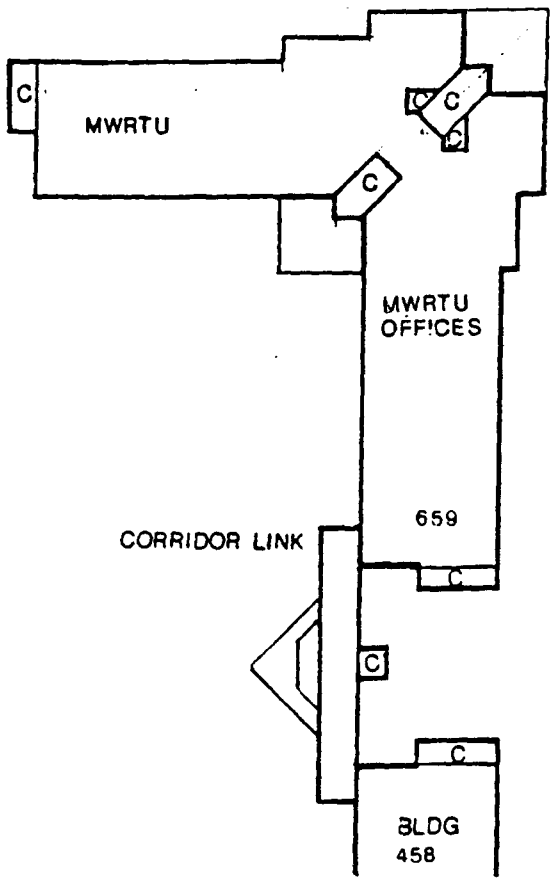


C = Core Space
COM = Common Space

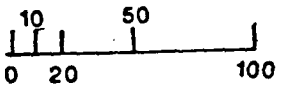
MAJOR MODIFICATION REQUIREMENTS

1. Add corridor/elevator link to Building 458
2. Remove partitions, ceilings, lights, and ductwork in wings
3. Modify mechanical, electrical, and plumbing
4. Add ceilings, lighting, and office finishes

THIRD FLOOR PLAN
BUILDING 457



C = Core Space
COM = Common Space

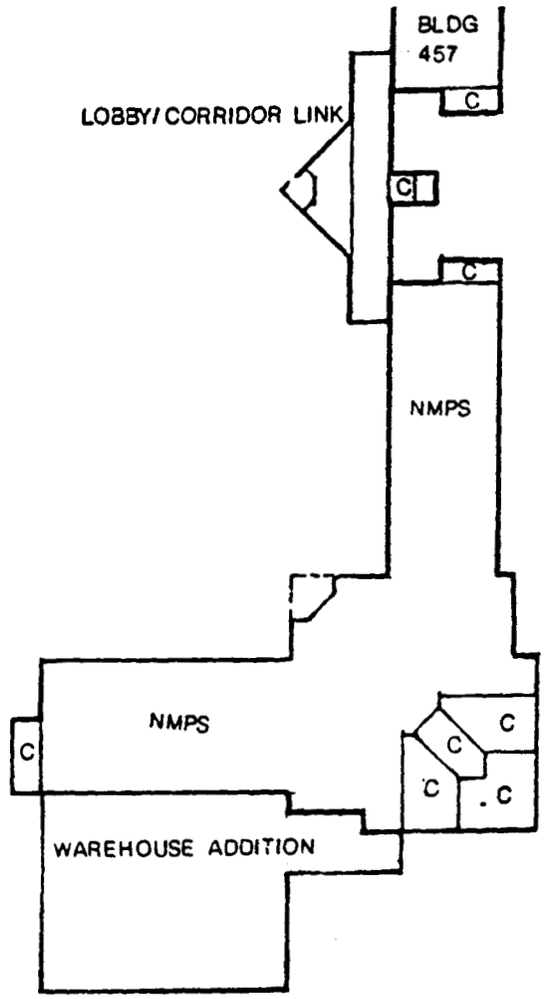


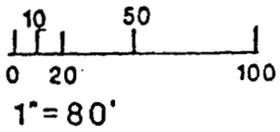
1" = 80'

MAJOR MODIFICATION REQUIREMENTS

1. Add corridor/elevator link to Building 458
2. Remove partitions, ceilings,
3. Modify mechanical, electrical, and plumbing
4. Add ceilings, lights, and office finishes

FIRST FLOOR PLAN
BUILDING 458





C = Core Space
COM = Common Space

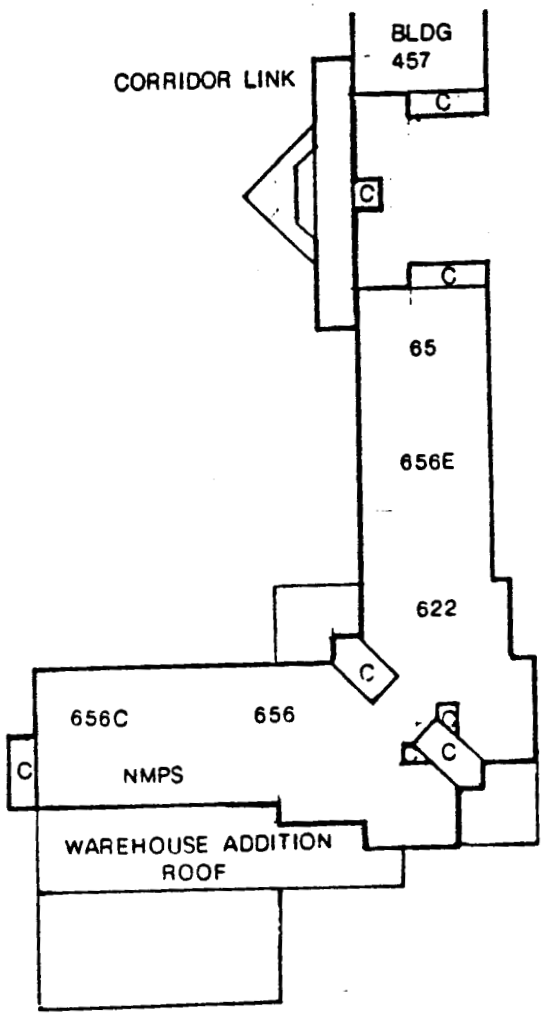
BUILDING EFFICIENCY/ UTILIZATION

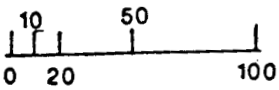
Existing Available SF	
Gross Square Footage	57,353
Usable Square Footage	48,445
Net Square Footage	34,604
Building Efficiency %	49.13%
Required Net SF	32,475

MAJOR MODIFICATION REQUIREMENTS

1. Add warehouse for NMPS use
2. Remove partitions, ceilings, lights, and ductwork in wings
3. Modify mechanical, electrical, and plumbing
4. Add ceilings, lighting, and office finishes

SECOND FLOOR PLAN
BUILDING 458





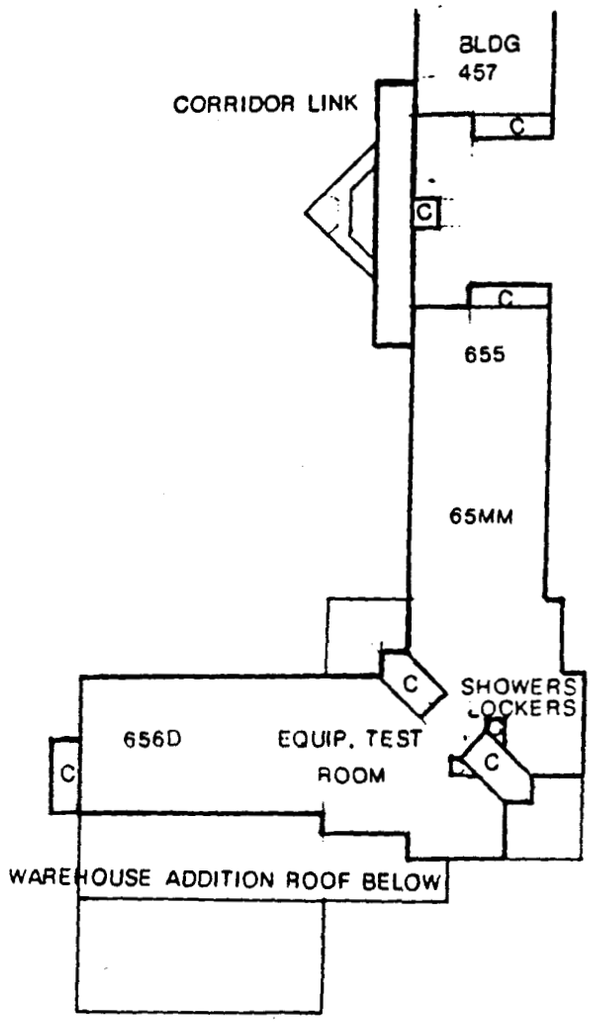
1" = 80'

C = Core Space
COM = Common Space

MAJOR MODIFICATION REQUIREMENTS

1. Remove partitions, ceilings, lights, and ductwork in wings
2. Modify mechanical, electrical, and plumbing
3. Add ceilings, lighting, and office finishes
4. Modify structural frame to support isolated heavy equipment

THIRD FLOOR PLAN
BUILDING 458



C = Core Space
COM = Common Space

10 50
0 20 100
1" = 80'

MAJOR MODIFICATION REQUIREMENTS

1. Remove partitions, ceilings, lights, and ductwork in wings
2. Modify mechanical, electrical, and plumbing
3. Add ceilings, lighting, and office finishes
4. Modify structural frame to support isolated heavy equipment

1. COMPONENT	FY 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TENN.	INSTALLATION OF TELEPHONE CABLE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	135-20	P-321T	2,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TELEPHONE CABLE	LS	-	-	2,580
SUBTOTAL				2,580
Contingency (5%)				130
TOTAL CONTRACT COST				2,710
SIOH (6.0%)				160
TOTAL REQUEST				2,870
TOTAL REQUEST ROUNDED				2,900

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Replace Government owned telephone cable with fiber optic cable to provide concurrent voice, data, video, Local Area Network and message service access to the integrated communications network at NAS Memphis to serve the Bureau of Naval Personnel being relocated from Washington, D.C. under BRAC III.

Air Conditioning: 0 Tons Seismic Zone: Three (3)

11. REQUIREMENTS: 0 SF Adequate: 0 SF Substandard: 0 SF

PROJECT: Provides telephone cable on south side of NAS Memphis.

REQUIREMENT: Replaces existing Government owned lead cable with fiber optic cable ring for use by the Bureau of Naval Personnel (BUPERS) which will be relocated to NAS Memphis from Washington, D.C. under BRAC III.

CURRENT SITUATION: Existing telephone cable is inadequate to support BUPERS and other commands

IMPACT IF NOT PROVIDED: Will not comply with the requirements of Federal Law as directed by BRAC III program.

ADDITIONAL: Refer to "Alternatives Considered" page 3 in Exhibit 1 "Abbreviated System Decision Paper (ASDP).

BUDGET ESTIMATE SUMMARY SHEET

P- 321T FY 95

TITLE:	INSTALLATION OF TELEPHONE CABLE	DATE OF ESTIMATE:	19 MAY 94
LOCATION:	NAS MEMPHIS, MILLINGTON TN	DESIGN STATUS:	FACILITY STUDY
PREPARED BY:	HBG MANAGEMENT	DATE ESCALATED TO:	1 OCT 94
A.C.F.:	0.91	ESCALATION FACTOR:	1.014

DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT COST	ESCALATED COST ROUNDED	COST TRANSFER TO 1391
TELEPHONE CABLE					**2,580**
OUTSIDE CABLE PLANT	LS	-	-	1,332	
VIDEO TELECONFERENCING	LS	-	-	300	
DIGITAL MULTIPLEXERS	LS	-	-	502	
CABLE DISTRIBUTION FRAMES	LS	-	-	150	
RELOCATE POINT OF ENTRY & DIVERSE ROUTING	LS	-	-	135	
CABLE PLANT SITE PREPARATION (INCL: POWER, A/C, CABLE RACEWAYS & FIRE PREVENTION EQUIPMENT)	LS	-	-	162	

TOTAL CONTRACT COST W/O CONTINGENCY		2,580
CONTINGENCY	5%	130
TOTAL CONTRACT COST		2,710
SIOH	6%	160
TOTAL BUDGET COST		2,870
TOTAL BUDGET COST ROUNDED		2,900

FORM 1 DEC 76

DD 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY

UNTIL EXHAUSTED

1. COMPONENT	FY 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
INSTALLATION OF TELEPHONE CABLE	P-321T

1 Project:

Replace the existing government owned telephone cable consisting of approximately 2,200 pair of primary lead cable. The new cable plant will be geographically distributed on the south side of the base. It will be a fiber optic ring to provide concurrent voice, data, video, Local Area Network (LAN) and message service access to the integrated network at NAS Memphis to serve the Bureau of Naval Personnel (BUPERS) being relocated from Washington D.C. to NAS Memphis under BRAC III.

2 Proposed Construction:

a. Type of Construction: Permanent

b. Replacement: Not applicable, forced relocation per BRAC III program.

c. Description of work to be done:

The proposed solution for this telecommunications project is to replace the Government owned telephone cable with fiber optics cable to provide concurrent voice, data, video, LAN and message service access to the integrated network at NAS Memphis. A new intrabase cable plant with a fiber optic backbone will be implemented at NAS Memphis to facilitate the digital distributed network required under the Base Information Transfer System (BITS) 'architecture.

3 Cost Estimates:

a. Area Cost Factor:	0.91
b. Contingency Factor:	5%
c. Cost Growth Projection Factor:	1.024
d. Estimated Bid Date:	1-Oct-94
e. Midpoint of Construction:	1-Mar-95

4 Project Justification:

a. Replace Government owned telephone cable with fiber optic cable to provide concurrent voice, data, video, Local Area Network and message service access to the integrated communications network at NAS Memphis to serve the Bureau of Naval Personnel being relocated from Washington D.C. under BRAC III.

b. The requirement is to provide a backbone for the communications system which will permit BUPERS operational mission environment.

c. The Current Situation is that the communications system now in operation at NAS Memphis was designed primarily for a student environment and will not support an operational mission environment such as BUPERS.

d. The impact if not provided is that the BRAC III program at NSA Memphis cannot be implemented.

5 Collateral Equipment:

a. Built-in equipment will include cable, digital multiplexers, cable distribution frames, cable raceways and fire prevention equipment.

b. Personal Property and Initial Outfitting: BUPERS is currently performing an analysis of collateral equipment which may be made available for reuse from BRAC activities.

c. Supporting Facilities include cable installation, relocating point of entry and diverse routing.

1. COMPONENT	FY 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
INSTALLATION OF TELEPHONE CABLE	P-321T

6 Common Support Spaces
Not applicable.

7 Effect On Other Resources:
a. The project will not increase Operating and Maintenance (OPMN) funds for utility services and operations since the base is changing from a Naval Air Station training facility to a Naval Support Activity of basically an administrative nature under BRAC III.

8 Project Site
The proposed location for the cable plant is indicated on the attached Site Plan NAS Memphis (South Side) (Exhibit 2).

9 Demolition
Not applicable.

10 Economic Analysis:
An economic analysis has been prepared. Refer to page 3 of Exhibit 1, Abbreviated System Decision Paper (ASDP).

11 Environmental Impact
An Environmental Impact Assessment will be performed for this project under separate contract.

12 Maintenance Facilities
Not applicable.

13 Morale, Welfare and Recreation Facilities
Not applicable.

14 Storage Facilities
Not applicable.

15 Hazards Assessment and Analysis
Risk Assessment is provided in Attachment A. The Risk Assessment Code assigned is 5-Negligible. A preliminary hazard analysis is not required.

16 Defense Access Roads
Not applicable.

17 Nuclear Survivability
Not applicable.

18 Industrial Facilities
Not applicable.

1. COMPONENT	FY 19 95 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
INSTALLATION OF TELEPHONE CABLE	P-321T

19 Telephones
Administrative telephone service for these facilities will be provided by the basic main telephone switching system. Telephones will be connected to the telephone switch by metallic and fiber optic cables in a manhole and duct system.

20 Intrusion Detect System
Not applicable.

21 Hyperbarics
Not applicable.

22 Uninterruptable Power System (UPS)
Not applicable.

23 Tempest Shielding
Not applicable.

24 Physical Security
This project has been reviewed in the context of installation of physical security plan and security features are not needed.

25 Preservation of Historical Sites And Structures
Not applicable.

26 Design For Accessibility of Physically Handicapped Personnel
Not applicable.

27 Floodplain Management & Wetlands Protection
The proposed building is not located within a designated floodplain. Wetlands are not impacted.

28 Intergovernmental Coordination
Not applicable.

29 Planning in the National Capital Region
Not applicable.

30 NATO Infrastructure Program
Not applicable.

31 Endangered Species and Other Natural Resource Considerations
Current use of the site is for replacement of existing telephone cable and therefore it is anticipated that no negative impact to threatened or endangered species will be encountered.

32 Graphic Materials
Attachment A: Risk Assessment Code
Exhibit 1 - Abbreviated System Decision Paper (ASDP)
Exhibit 2 - Telephone Cable Site Plan NAS Memphis (South Side)

RISK ASSESSMENT CODE CALCULATION TABLE

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(2) 1	Operating environment is hazardous due to toxic substances, radiation, flammables, dusts, etc.	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(2) 1	Processes involve hazardous components (i.e. fuels toxics, acids, electrical components.)	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(1) 1	Operating, maintenance, test or emergency procedures may be inadequate due to such factors as high noise levels, building security, isolated building location, etc.	Procedural problems are very unlikely.	Problems unlikely but possible.	Problems likely to occur on occasion.	Significant problems may be anticipated.	Serious problems	5
(2) 1	Engineering Controls (safety interlocks, adequate ventilation, protective guards/ shields, etc) are essential to provide adequate safety.	Engr. control failure would not create a significant additional hazard.	Engr. control failure would increase hazard to worker slightly.	Engr. control failure would cause concern but processes are only moderately hazardous.	Engr. control failure would create serious concern.	Failure of engr. controls would create a dangerous situation.	5
(1) 1	Operational and safety training is important for work protection.	Training is desirable even though accident potential is low.	Without training, accident potential is moderate.	Without training, accidents may occur once or twice a year.	Without training, accidents probably will occur several times each year.	Without training, accidents are likely to occur frequently.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(4) 1	The facility uses or could produce hazards well above those which the human body could tolerate and persons are required to work in or enter these high energy areas during operations (i.e. pressure vessel testing, explosive potential, flammable liquid mixing, etc.)	Limited infrequent employee exposure. Risk to employee is very unlikely.	Occasional employee exposure. Redundant safeguards. Limited employee risk.	Regular employee exposure for limited durations. Moderate employee risk.	Frequent employee exposure. Energy release could cause serious injury.	Employee exposure is continuous. Inadvertent energy release could cause death.	5
(4) 1	Facility hazards are such that control system failure would have a serious impact on mission capability or serious damage to the facility resulting in a large dollar loss.	Limited value facility. Redundant controls or relatively minor hazards.	Facility of moderate value/ importance. Control system failure could result in minor property damage.	Important facility with at least one or two relatively hazardous operations.	Very important hazardous facility. Control system failure likely to result in major damage.	Very hazardous, critical facility. Control system failure likely to result in a total loss.	5
(2) 1	Facility operating equipment presents a hazard due to potential for chemical burns, electric shock, cutting edges, sharp points, etc.	Small amount of hazardous equipment, presents slight additional hazards.	Some hazardous equipment present creating a minor potential for injury.	Moderate amount of hazardous equipment. Minor injuries probable if operated unsafely.	Significant quantity of hazardous equipment presents a serious injury potential.	Large quantity of hazardous equipment. Severe injury potential.	5
(2) 1	Personal protective equipment (PPE) is essential to protect workers from facility hazards.	PPE is desirable at times, though exposure to hazards is unlikely.	PPE is required on occasion but hazards are limited and and well controlled.	PPE is required at most times for worker protection.	Lack of PPE will probably expose worker to danger.	Lack or failure of PPE would immediately result in danger to worker.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(3) 2	Facility is open to the general public. Occupants may include persons handicapped by physical or mental disability, age, illness or security measures not under the occupant control.	Exposure of handicapped occupants to hazard is considered remote.	Exposure of handicapped occupants to hazard is unlikely but possible.	Handicapped occupants may well be exposed to hazards on occasion.	Significant hazards to handicapped occupants.	Hazardous facility. Handicapped occupants are at risk.	10

Multiplier total = 11

GRAND TOTAL
(Weighted Total Sum) = 55

(Divide Weighted Total Sum) to obtain Numerical RAC Figure = 55/11 = 5.00
(By Multiplier Total Sum)

Alternative Analysis Report
BUPERS Relocation
Telecommunications Upgrade Project

1. Activity Name. Naval Computer and Telecommunications Station (NCTS), Pensacola, Fl.

2. Activity Point of Contact. Mr. James Golden, NCTS Pensacola
DSN:922-3501 Com: (904) 452-3501
Extension 5990

3. Project Description. The Bureau of Naval Personnel (BUPERS) Telecommunications Relocation Project is a result of direction of the Defense Base Closure and Realignment Commission 1993 Report to the President for relocation to NAS Memphis, Millington, Tennessee. The existing telecommunications infrastructure is inadequate to provide a unified information network within a base utilizing state-of-the-art protocols, switches, cable plants and peripheral user equipment in conjunction with Integrated Services Digital Network (ISDN) architectures. The upgrade project will provide the above state-of-the-art technologies at NAS Memphis for the support of BUPERS and will bring digital connectivity and network intelligence to the existing telecommunications infrastructure.

4. Acquisition Alternatives.

a. Proposed Solution.

(1) Description. The proposed solution for the telecommunications upgrade project is to implement a single integrated transport network that provides concurrent voice, data, Local Area Network (LAN) and video service access to the integrated network at NAS Memphis. A Government owned switch and two Remote Switch Nodes (RSNs) will be purchased by the Government and used to replace the existing CENTREX (Central Office Exchange) Service currently in use at NAS Memphis. The telecommunications environment will evolve from an analog voice platform to a digital network utilizing a digital switch and a fiber optic backbone.

(2) Associated Costs. During FY~~95/6~~ 96 a Switch and RSNs will be purchased by the Government to upgrade the existing intrabase telecommunications network. This switch system will be equivalent to current AT&T telecommunication options and installed at NAS Memphis for a cost of $4,452,203. This figure includes $180,000 for maintenance costs. Maintenance costs were included in cost comparisons.

(3) Benefits and Savings. The need for a base upgrade is a result of current network deficiencies such as limited technical capabilities of existing switch service, security requirements and an outmoded cable plant. The capability for secure, continuous,

effective telecommunications is extremely crucial to each organization within the BUPERS structure. Savings will be realized through the elimination of CENTREX Service costs, lower tariffs and reduced charges for inter-connection of the network for NAS Memphis. Approximate savings to be realized through the implementation of the proposed system are expected to be $4,385,797 when compared to the baseline (CENTREX Service). Detail data is reflected on cost comparison work sheet (FIGURE 1, page 5).

(4) Disadvantages. The only disadvantage with the proposed solution is the initial start-up costs. Any effort to upgrade the existing telecommunications network for NAS Memphis will result in higher initial costs.

(5) Contractual Considerations. An Agency Procurement Request (APR) will be submitted for the acquisition of the Switch equipment and services. Services include installation and testing of the Switch and RSNs, developing and furnishing an on-base telephone numbering plan, and performing on-site operational training. Contractor services for Switch maintenance costs will have to be negotiated for the post-warranty period.

b. Re-utilization Alternative.

(1) Description. The alternate proposed solution for the upgrade project is to re-utilize an existing Government owned switch, by relocation, if one is available.

(2) Associated Costs. At present, no Government owned switch is available for evaluation of re-utilization costs. Re-utilization costs can be evaluated on the same premises as a new purchase with even greater savings realized, based on prior re-utilization projects.

(3) Benefits and Savings. The benefits and savings for a re-utilized switch are comparable to a new procurement but with greater potential savings to the Government.

(4) Disadvantages. The only disadvantage with the proposed solution is the start-up costs. As with a new purchase, any effort towards a re-utilization upgrade for the existing telecommunications network at NAS Memphis will result in higher initial costs.

(5) Contractual Considerations. An APR will have been submitted for the acquisition of the Switch equipment and services, thus, if a re-utilized Switch is used no new APR will be required. Services included are the same as a with new purchase. Contractor services for Switch maintenance costs will have to be negotiated.

c. CENTREX Service Alternative.

(1) Description. The current intrabase network configuration consists of CENTREX Service leased from the local telephone operating company (Millington Telephone Company (MTC)). Remaining with the CENTREX Service is continuing in the status quo.

(2) Associated Costs. The costs for maintaining the CENTREX Service is $8,838,000 for a five year period. This is based on the current charge of $24.55 per line. The CENTREX Service is provided on a month to month basis in lieu of long term lease and is subject to periodic increases.

(3) Benefits and Savings. There are no benefits from using CENTREX Service. Cost information concerning CENTREX Service is provided as a baseline from which the other acquisition alternatives can be compared. Present CENTREX Service will not support BUPERS at the required level.

(4) Disadvantages. The MTC CENTREX Service is designed for residential use and does not include many features required in a business environment. The switch is located in Millington and physical security of the switch is outside of Government control. The cost for CENTREX Service is the highest of all alternatives considered.

(5) Contractual Considerations. The MTC is the approved Local Exchange Carrier (LEC) for the geographic area. Services provided by the LEC are subject to tariff, therefore, contractual considerations are minimized.

d. Lease to Purchase Alternative.

(1) Description. The third acquisition alternative to procure a telecommunications switch is a lease to purchase contract from the vendor.

(2) Associated Costs. Estimated costs for the Lease to Purchase Contract and installation of the switch is $6,363,360 for a five period. This figure is based on a twenty percent increase over straight lease using NAS Pensacola lease costs as a baseline. NAS Pensacola is leasing telephone switches and has a comparable number of lines.

(3) Benefits and Savings. The same benefits realized from the proposed solution will also apply here but savings to be expected would be considerably less than with a straight purchase. These savings amount to $2,449,368. Detail data is reflected on cost comparison work sheet (FIGURE 1, page 6).

(4) Disadvantages. The cost of a lease to purchase procurement contract versus straight purchase is more expensive. It would take longer to recoup initial investment costs by choosing this alternative.

(5) Contractual Considerations. The Lease to Purchase would be under the restrictions of a leased switch for an estimated five year period. Therefore, for that period the switch would not belong to the Government and could not be easily expanded or modified. Once the switch belongs to the Government a maintenance contract will be required.

5. OTHER CONSIDERATIONS. Related items that will be required regardless of alternative selected were not included in the alternatives analysis. The most important of these is the installation of the new cable plant. BUPERS is currently using a fiber optic LAN which will be relocated or duplicated at NAS Memphis. A fiber optic ring connecting the BUPERS buildings which will be required for the LAN can also be used for the backbone of the base cable plant. Points of distribution (estimate three required) along the backbone will provide access from the buildings via copper and/or fiber optic cables. The backbone will also provide access via the LEC point of entry for external connectivity (DSN, DDN, NAVNET, etc). The current cable plant consists of approximately 2200 pair of outdated cable in a distribution pattern that originates on the North side of the base. Not only is this cable insufficient (total cable pairs) for BUPERS needs, because of the age of the cable and the origination point it will be of very little use.

Other related items include uninterrupted power supply, operator services, administrative costs, telephone instruments, and multiplexers.

6. Conclusions and Recommendations Solution. The recommended alternative for upgrading existing telecommunication capabilities at NAS Memphis is to procure a switch or, if available, re-utilize a Government owned switch.

7. Summary. Even though the initial start-up costs to purchase a new switch for NAS Memphis are expensive, it is the most economical alternative over the five year Life Cycle period and would continue to produce savings for many years after that. The existing intrabase network has reached its capacity, cannot be made any more efficient because of proprietary equipment and outdated technology and cannot support BUPERS at the required level of service.

FIGURE 1

COST COMPARISON WORK SHEET

PURCHASE PRICE	
Purchase price:	$4,272,203
Maintenance cost:	+ 180,000
Total cost:	$4,452,203
CENTREX COST	
Monthly cost per line:	$24.55
Lines required:	x 6000
Total monthly cost:	$147,300
	$147,300
	x 12
Total yearly cost:	$1,767,600
	$1,767,600
	x 5
Five year life cycle cost:	$8,838,000
LEASE TO PURCHASE	
Baseline monthly lease cost: $88,731.00	
Cost difference of lease versus lease to purchase:	20%
Monthly cost:	$88,731
	x 12
Total yearly lease cost:	$1,064,772
	$1,064,772
Lease to purchase increase:	x 120%
	$212,954
Total yearly lease to purchase cost:	$1,277,726
	$1,277,726
	x 5
Five year life cycle lease to purchase cost:	$6,388,632

FIGURE 1 (CONTINUED)

COST COMPARISON WORK SHEET

Yearly savings to be realized through the implementation of the proposed solution (switch purchase) compared to CENTREX Service:

CENTREX five year life cycle cost:	$8,838,000
Switch purchase price:	- 4,452,203

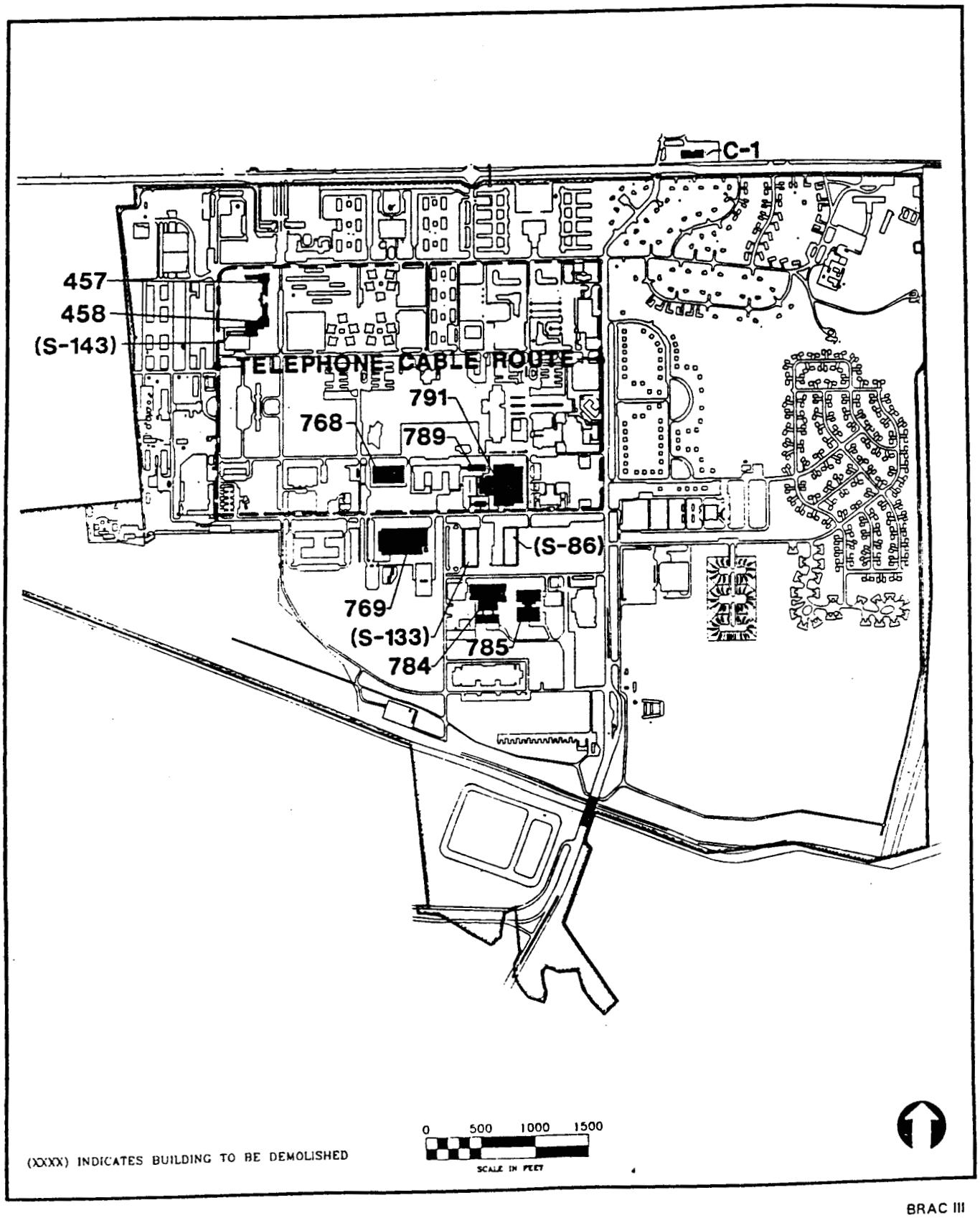
Net savings:	$4,385,797

Yearly savings to be realized through the implementation of the lease to purchase alternative compared to CENTREX Service:

CENTREX five year life cycle cost:	$8,838,000
Lease to purchase cost:	- 6,388,632

Net savings:	$2,449,368

TELEPHONE CABLE SITE PLAN
NAS MEMPHIS (SOUTH SIDE)



1. COMPONENT	FY - 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TENN.	AUTOMATIC TELEPHONE SWITCH

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	131-42	P-322T	5,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AUTOMATIC TELEPHONE SWITCH	LS	1	5,070	5,070
SUBTOTAL				5,070
Contingency (5%)				250
TOTAL CONTRACT COST				5,320
SIOH (6.0%)				320
TOTAL REQUEST				5,640
TOTAL REQUEST ROUNDED				5,600

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Purchase and install a telephone switch to provide a uniform information network at NAS Memphis, utilizing equipment in conjunction with Integrated Services Digital Network (ISDN) technology. The telephone switch will serve the Bureau of Naval Personnel (BUPERS) being relocated to NAS Memphis from Washington, D.C. under BRAC III. Building 776 will be modified to house the telephone switch. The modifications to the telephone switch room include installation of doors to provide access to switch room from building exterior, room air conditioning system, reworking air distribution system and ductwork, providing handicapped drinking fountain and water closet, new electrical lighting and power upgrade, and fire alarm system upgrade.

Air Conditioning: 0 Tons Seismic Zone: Three (3)

11. REQUIREMENTS: 0 SF Adequate: 0 SF Substandard: 0 SF

PROJECT: Provides for the Government purchase of a telephone switch and Remote Switch Nodes (RSNs).

REQUIREMENT: Replaces the CENTREX Service currently in use at NAS Memphis. The telecommunications environment will evolve from a CENTREX platform to a digital network platform utilizing a digital switch. The telephone switch will serve the Bureau of Naval Personnel (BUPERS) being relocated to NAS Memphis from Washington, D.C. under BRAC III. Current service lacks sufficient capability to support BUPERS. Not only is the current capacity insufficient, but due to the age of the existing switch and the location off base, it would be of little use.

1. COMPONENT	FY - 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TENN.	AUTOMATIC TELEPHONE SWITCH

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	131-42	P-322T	5,600

9. COST ESTIMATES

CURRENT SITUATION: Existing CENTREX Service is unable to serve the requirements of the fiber optic Local Area Network (LAN) currently being used at the Navy Annex by the Bureau of Naval Personnel (BUPERS) which is being relocated to NAS Memphis from Washington, D.C. under BRAC III.

IMPACT IF NOT PROVIDED: Will not comply with Federal law as directed by BRAC III program.

ADDITIONAL: Refer to "Alternatives Considered" page 3 in Exhibit 1 "Abbreviated System Decision Paper (ASDP).

BUDGET ESTIMATE SUMMARY SHEET

P- 322T FY 96

TITLE:	AUTOMATIC TELEPHONE SWITCH	DATE OF ESTIMATE:	19 MAY 94
LOCATION:	NAS MEMPHIS, MILLINGTON TN	DESIGN STATUS:	FACILITY STUDY
PREPARED BY:	HBG MANAGEMENT	DATE ESCALATED TO:	1-Jan-96
A.C.F.:	0.91	ESCALATION FACTOR:	1.049

DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT COST	ESCALATED COST ROUNDED	COST TRANSFER TO 1391
AUTOMATIC TELEPHONE SWITCH					5,050
Main Digital Central Office	LS			3,252	
Remote Switch Modules	LS			1,230	
Telephone Instruments Procurement	LS			486	
Emergency Power System	LS			79	
EMERGENCY POWER SERVICE (200 AMP)	LS			19	20

TOTAL CONTRACT COST W/O CONTINGENCY		5,070
CONTINGENCY	5%	250
TOTAL CONTRACT COST		5,320
SIOH	6%	320
TOTAL BUDGET COST		5,640
TOTAL BUDGET COST ROUNDED		5,600

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
AUTOMATIC TELEPHONE SWITCH	P-322T

1 Project:

Purchase and install a telephone switch to provide a uniform information network at NAS Memphis, utilizing equipment in conjunction with Integrated Services Digital Network (ISDN) technology. The telephone switch will serve the Bureau of Naval Personnel (BUPERS) being relocated to NAS Memphis from Washington, D.C. under BRAC III. Building 776 will be modified to house the telephone switch. The modifications to the telephone switch room include installation of doors to provide access to switch room from building exterior, room air conditioning system, reworking air distribution system and ductwork, providing handicapped drinking fountain and water closet, new electrical lighting and power upgrade, and fire alarm system upgrade.

2 Proposed Construction:

a. Type of Construction: Permanent

b. Replacement: Replace Government owned CENTREX telephone service systems with telephone switch.

c. Description of work to be done:

The proposed solution for this telecommunications project is a single integrated transport network that provides concurrent voice, data, video, Local Area Network (LAN) and message service access to the integrated network at NAS Memphis. The solution is for the Government to purchase a Switch and Remote Switch Nodes (RSNs) to replace the existing CENTREX Service currently in use. The telecommunications environment will evolve from a CENTREX platform to a digital network platform utilizing a digital switch with a fiber optic backbone for the cable plant.

The scope of this project is for the Government to purchase a Switch and RSNs to upgrade the existing intrabase telecommunications network. The main switch will be installed as a Digital Central Office (DCO) located on the South side of the base in Building 776. RSNs will be located in the Buildings 455 and 457. A new intrabase cable plant with a fiber optic backbone will be implemented at NAS Memphis to facilitate the digital distributed network required under the Base Information Transfer System (BITS) architecture. The implementation of a new system at NAS Memphis will provide Centralized Attendant Services (CAS, Alternative Route Selection (ARS) for all trunks, provision for Automatic Message Detail Reporting (AMDR), common access codes to all subscriber features and trunks, and overflow access to separate trunk groups. The RSNs shall provide all the functions and features available to subscribers served by the DCO and shall operate in a stand-alone mode and provide local calling between subscribers of the same RSN if trunks between the DCO and RSN are disabled.

3 Cost Estimates:

a. Area Cost Factor:	0.91
b. Contingency Factor:	5%
c. Cost Growth Projection Factor:	1.014
d. Estimated Bid Date:	1-Oct-94
e. Midpoint of Construction:	1-Mar-95

4 Project Justification:

a. The need for an upgrade is a result of current network deficiencies, limited technical capabilities of the existing Switch service, security and outmoded cable plants. The capability for secure, continuous, effective telecommunications is extremely crucial to each organization served within the BUPERS structure and to its mission.

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
AUTOMATIC TELEPHONE SWITCH	P-322T

b. The requirement is to provide a telephone switch which will permit BUPERS to utilize the fiber optics Local Area Network (LAN) currently being used at the Navy Annex in Washington D.C.

c. The current situation is that the communications system now in operation at NAS Memphis was designed primarily for a student environment and will not support an operational mission environment such as BUPERS.

d. The impact if not provided is that the BRAC III program at NAS Memphis cannot be implemented.

5 Collateral Equipment:

a. Built-in equipment will include switch modules, main digital switch and telephone instruments procurement.

b. Personal Property and Initial Outfitting: BUPERS is currently performing an analysis of collateral equipment which may be made available for reuse from BRAC activities.

c. Supporting Facilities include emergency power system.

6 Common Support Spaces

Not applicable.

7 Effect On Other Resources:

The project will not increase Operating and Maintenance (OPMN) funds for utility services and operations since the base is changing from a Naval Air Station training facility to a Naval Support Activity of basically an administrative nature under BRAC III.

8 Project Site

The proposed location for the telephone switch is indicated on the attached Site Plan NAS Memphis (South Side) (Exhibit 2).

9 Demolition

Not applicable.

10 Economic Analysis:

An economic analysis has been prepared. Refer to page 3 of Exhibit 1, Abbreviated System Decision Paper (ASDP).

11 Environmental Impact

An Environmental Assessment will be performed for this project under separate contract.

12 Maintenance Facilities

Not applicable.

13 Morale, Welfare and Recreation Facilities

Not applicable.

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
AUTOMATIC TELEPHONE SWITCH	P-322T

14 Storage Facilities
Not applicable.

15 Hazards Assessment and Analysis
Risk Assessment is provided in Attachment A. The Risk Assessment Code assigned is 5-Negligible. A preliminary hazard analysis is not required.

16 Defense Access Roads
Not applicable.

17 Nuclear Survivability
Not applicable.

18 Industrial Facilities
Not applicable.

19 Telephones
Administrative telephone service for these facilities will be provided by the basic main telephone switching system. The telephone will be connected to the telephone switch by metallic and fiber optic telephone cables in a manhole and duct system.

20 Intrusion Detect System
Not applicable.

21 Hyperbarics
Not applicable.

22 Uninterruptable Power System (UPS)
Not applicable.

23 Tempest Shielding
Not applicable.

24 Physical Security
This project has been reviewed in the context of installation of physical security plan and security features are not needed.

25 Preservation of Historical Sites And Structures
Not applicable.

26 Design For Accessibility of Physically Handicapped Personnel
Not applicable.

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
AUTOMATIC TELEPHONE SWITCH	P-322T

27 Floodplain Management & Wetlands Protection
The proposed project is not located within a designated floodplain. Wetlands are not impacted.

28 Intergovernmental Coordination
Not applicable.

29 Planning in the National Capital Region
Not applicable.

30 NATO Infrastructure Program
Not applicable.

31 Endangered Species and Other Natural Resource Considerations
Current use of the site is Naval Air Station and therefore it is anticipated that no negative impact to threatened or endangered species will be encountered.

32 Graphic Materials
Attachment A: Risk Assessment Code
Exhibit 1 - Abbreviated System Decision Paper (ASDP)
Exhibit 2 - Telephone Switch Site Plan NAS Memphis (South Side)

RISK ASSESSMENT CODE CALCULATION TABLE

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(2) 1	Operating environment is hazardous due to toxic substances, radiation, flammables, dusts, etc.	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(2) 1	Processes involve hazardous components (i.e. fuels toxics, acids, electrical components.)	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(1) 1	Operating, maintenance, test or emergency procedures may be inadequate due to such factors as high noise levels, building security, isolated building location, etc.	Procedural problems are very unlikely.	Problems unlikely but possible.	Problems likely to occur on occasion.	Significant problems may be anticipated.	Serious problems	5
(2) 1	Engineering Controls (safety interlocks, adequate ventilation, protective guards/ shields, etc) are essential to provide adequate safety.	Engr. control failure would not create a significant additional hazard.	Engr. control failure would increase hazard to worker slightly.	Engr. control failure would cause concern but processes are only moderately hazardous.	Engr. control failure would create serious concern.	Failure of engr. controls would create a dangerous situation.	5
(1) 1	Operational and safety training is important for work protection.	Training is desirable even though accident potential is low.	Without training, accident potential is moderate.	Without training, accidents may occur once or twice a year.	Without training, accidents probably will occur several times each year.	Without training, accidents are likely to occur frequently.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(4) 1	The facility uses or could produce hazards well above those which the human body could tolerate and persons are required to work in or enter these high energy areas during operations (i.e. pressure vessel testing, explosive potential, flammable liquid mixing, etc.)	Limited infrequent employee exposure. Risk to employee is very unlikely.	Occasional employee exposure. Redundant safeguards. Limited employee risk.	Regular employee exposure for limited durations. Moderate employee risk.	Frequent employee exposure. Energy release could cause serious injury.	Employee exposure is continuous. Inadvertent energy release could cause death.	5
(4) 1	Facility hazards are such that control system failure would have a serious impact on mission capability or serious damage to the facility resulting in a large dollar loss.	Limited value facility. Redundant controls or relatively minor hazards.	Facility of moderate value/ importance. Control system failure could result in minor property damage.	Important facility with at least one or two relatively hazardous operations.	Very important hazardous facility. Control system failure likely to result in major damage.	Very hazardous, critical facility. Control system failure likely to result in a total loss.	5
(2) 1	Facility operating equipment presents a hazard due to potential for chemical burns, electric shock, cutting edges, sharp points, etc.	Small amount of hazardous equipment, presents slight additional hazards.	Some hazardous equipment present creating a minor potential for injury.	Moderate amount of hazardous equipment. Minor injuries probable if operated unsafely.	Significant quantity of hazardous equipment presents a serious injury potential.	Large quantity of hazardous equipment. Severe injury potential.	5
(2) 1	Personal protective equipment (PPE) is essential to protect workers from facility hazards.	PPE is desirable at times, though exposure to hazards is unlikely.	PPE is required on occasion but hazards are limited and and well controlled.	PPE is required at most times for worker protection.	Lack of PPE will probably expose worker to danger.	Lack or failure of PPE would immediately result in danger to worker.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(3) 2	Facility is open to the general public. Occupants may include persons handicapped by physical or mental disability, age, illness or security measures not under the occupant control.	Exposure of handicapped occupants to hazard is considered remote.	Exposure of handicapped occupants to hazard is unlikely but possible.	Handicapped occupants may well be exposed to hazards on occasion.	Significant hazards to handicapped occupants.	Hazardous facility. Handicapped occupants are at risk.	10

Multiplier total = 11

GRAND TOTAL
(Weighted Total Sum) = 55

(Divide Weighted Total Sum) to obtain Numerical RAC Figure = 55/11 = 5.00
(By Multiplier Total Sum)

Alternative Analysis Report
BUPERS Relocation
Telecommunications Upgrade Project

1. Activity Name. Naval Computer and Telecommunications Station (NCTS), Pensacola, Fl.

2. Activity Point of Contact. Mr. James Golden, NCTS Pensacola
DSN:922-3501 Com: (904) 452-3501
Extension 5990

3. Project Description. The Bureau of Naval Personnel (BUPERS) Telecommunications Relocation Project is a result of direction of the Defense Base Closure and Realignment Commission 1993 Report to the President for relocation to NAS Memphis, Millington, Tennessee. The existing telecommunications infrastructure is inadequate to provide a unified information network within a base utilizing state-of-the-art protocols, switches, cable plants and peripheral user equipment in conjunction with Integrated Services Digital Network (ISDN) architectures. The upgrade project will provide the above state-of-the-art technologies at NAS Memphis for the support of BUPERS and will bring digital connectivity and network intelligence to the existing telecommunications infrastructure.

4. Acquisition Alternatives.

a. Proposed Solution.

(1) Description. The proposed solution for the telecommunications upgrade project is to implement a single integrated transport network that provides concurrent voice, data, Local Area Network (LAN) and video service access to the integrated network at NAS Memphis. A Government owned switch and two Remote Switch Nodes (RSNs) will be purchased by the Government and used to replace the existing CENTREX (Central Office Exchange) Service currently in use at NAS Memphis. The telecommunications environment will evolve from an analog voice platform to a digital network utilizing a digital switch and a fiber optic backbone.

(2) Associated Costs. During FY~~95/6~~ 96 a Switch and RSNs will be purchased by the Government to upgrade the existing intrabase telecommunications network. This switch system will be equivalent to current AT&T telecommunication options and installed at NAS Memphis for a cost of $4,452,203. This figure includes $180,000 for maintenance costs. Maintenance costs were included in cost comparisons.

(3) Benefits and Savings. The need for a base upgrade is a result of current network deficiencies such as limited technical capabilities of existing switch service, security requirements and an outmoded cable plant. The capability for secure, continuous,

effective telecommunications is extremely crucial to each organization within the BUPERS structure. Savings will be realized through the elimination of CENTREX Service costs, lower tariffs and reduced charges for inter-connection of the network for NAS Memphis. Approximate savings to be realized through the implementation of the proposed system are expected to be $4,385,797 when compared to the baseline (CENTREX Service). Detail data is reflected on cost comparison work sheet (FIGURE 1, page 5).

(4) Disadvantages. The only disadvantage with the proposed solution is the initial start-up costs. Any effort to upgrade the existing telecommunications network for NAS Memphis will result in higher initial costs.

(5) Contractual Considerations. An Agency Procurement Request (APR) will be submitted for the acquisition of the Switch equipment and services. Services include installation and testing of the Switch and RSNs, developing and furnishing an on-base telephone numbering plan, and performing on-site operational training. Contractor services for Switch maintenance costs will have to be negotiated for the post-warranty period.

b. Re-utilization Alternative.

(1) Description. The alternate proposed solution for the upgrade project is to re-utilize an existing Government owned switch, by relocation, if one is available.

(2) Associated Costs. At present, no Government owned switch is available for evaluation of re-utilization costs. Re-utilization costs can be evaluated on the same premises as a new purchase with even greater savings realized, based on prior re-utilization projects.

(3) Benefits and Savings. The benefits and savings for a re-utilized switch are comparable to a new procurement but with greater potential savings to the Government.

(4) Disadvantages. The only disadvantage with the proposed solution is the start-up costs. As with a new purchase, any effort towards a re-utilization upgrade for the existing telecommunications network at NAS Memphis will result in higher initial costs.

(5) Contractual Considerations. An APR will have been submitted for the acquisition of the Switch equipment and services, thus, if a re-utilized Switch is used no new APR will be required. Services included are the same as a with new purchase. Contractor services for Switch maintenance costs will have to be negotiated.

c. CENTREX Service Alternative.

(1) Description. The current intrabase network configuration consists of CENTREX Service leased from the local telephone operating company (Millington Telephone Company (MTC)). Remaining with the CENTREX Service is continuing in the status quo.

(2) Associated Costs. The costs for maintaining the CENTREX Service is $8,838,000 for a five year period. This is based on the current charge of $24.55 per line. The CENTREX Service is provided on a month to month basis in lieu of long term lease and is subject to periodic increases.

(3) Benefits and Savings. There are no benefits from using CENTREX Service. Cost information concerning CENTREX Service is provided as a baseline from which the other acquisition alternatives can be compared. Present CENTREX Service will not support BUPERS at the required level.

(4) Disadvantages. The MTC CENTREX Service is designed for residential use and does not include many features required in a business environment. The switch is located in Millington and physical security of the switch is outside of Government control. The cost for CENTREX Service is the highest of all alternatives considered.

(5) Contractual Considerations. The MTC is the approved Local Exchange Carrier (LEC) for the geographic area. Services provided by the LEC are subject to tariff, therefore, contractual considerations are minimized.

d. Lease to Purchase Alternative.

(1) Description. The third acquisition alternative to procure a telecommunications switch is a lease to purchase contract from the vendor.

(2) Associated Costs. Estimated costs for the Lease to Purchase Contract and installation of the switch is $6,363,360 for a five period. This figure is based on a twenty percent increase over straight lease using NAS Pensacola lease costs as a baseline. NAS Pensacola is leasing telephone switches and has a comparable number of lines.

(3) Benefits and Savings. The same benefits realized from the proposed solution will also apply here but savings to be expected would be considerably less than with a straight purchase. These savings amount to $2,449,368. Detail data is reflected on cost comparison work sheet (FIGURE 1, page 6).

(4) Disadvantages. The cost of a lease to purchase procurement contract versus straight purchase is more expensive. It would take longer to recoup initial investment costs by choosing this alternative.

(5) Contractual Considerations. The Lease to Purchase would be under the restrictions of a leased switch for an estimated five year period. Therefore, for that period the switch would not belong to the Government and could not be easily expanded or modified. Once the switch belongs to the Government a maintenance contract will be required.

5. OTHER CONSIDERATIONS. Related items that will be required regardless of alternative selected were not included in the alternatives analysis. The most important of these is the installation of the new cable plant. BUPERS is currently using a fiber optic LAN which will be relocated or duplicated at NAS Memphis. A fiber optic ring connecting the BUPERS buildings which will be required for the LAN can also be used for the backbone of the base cable plant. Points of distribution (estimate three required) along the backbone will provide access from the buildings via copper and/or fiber optic cables. The backbone will also provide access via the LEC point of entry for external connectivity (DSN, DDN, NAVNET, etc). The current cable plant consists of approximately 2200 pair of outdated cable in a distribution pattern that originates on the North side of the base. Not only is this cable insufficient (total cable pairs) for BUPERS needs, because of the age of the cable and the origination point it will be of very little use.

Other related items include uninterrupted power supply, operator services, administrative costs, telephone instruments, and multiplexers.

6. Conclusions and Recommendations Solution. The recommended alternative for upgrading existing telecommunication capabilities at NAS Memphis is to procure a switch or, if available, re-utilize a Government owned switch.

7. Summary. Even though the initial start-up costs to purchase a new switch for NAS Memphis are expensive, it is the most economical alternative over the five year Life Cycle period and would continue to produce savings for many years after that. The existing intrabase network has reached its capacity, cannot be made any more efficient because of proprietary equipment and outdated technology and cannot support BUPERS at the required level of service.

FIGURE 1

COST COMPARISON WORK SHEET

PURCHASE PRICE	
Purchase price:	$4,272,203
Maintenance cost:	+ 180,000
Total cost:	$4,452,203
CENTREX COST	
Monthly cost per line:	$24.55
Lines required:	x 6000
Total monthly cost:	$147,300
	$147,300
	x 12
Total yearly cost:	$1,767,600
	$1,767,600
	x 5
Five year life cycle cost:	$8,838,000
LEASE TO PURCHASE	
Baseline monthly lease cost: $88,731.00	
Cost difference of lease versus lease to purchase:	20%
Monthly cost:	$88,731
	x 12
Total yearly lease cost:	$1,064,772
	$1,064,772
Lease to purchase increase:	x 120%
	$212,954
Total yearly lease to purchase cost:	$1,277,726
	$1,277,726
	x 5
Five year life cycle lease to purchase cost:	$6,388,632

FIGURE 1 (CONTINUED)

COST COMPARISON WORK SHEET

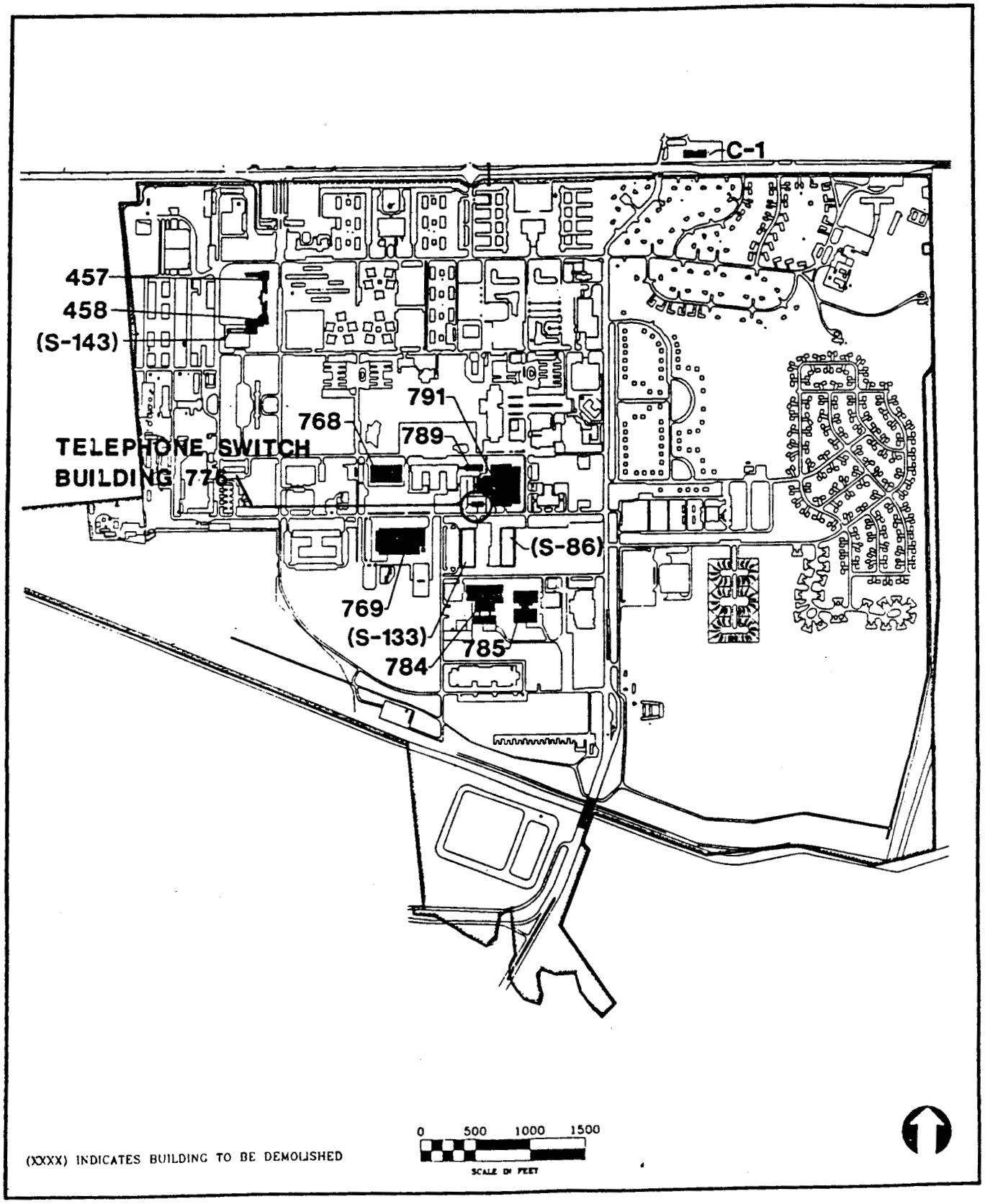
Yearly savings to be realized through the implementation of the proposed solution (switch purchase) compared to CENTREX Service:

CENTREX five year life cycle cost:	$8,838,000
Switch purchase price:	- 4,452,203
Net savings:	$4,385,797

Yearly savings to be realized through the implementation of the lease to purchase alternative compared to CENTREX Service:

CENTREX five year life cycle cost:	$8,838,000
Lease to purchase cost:	- 6,388,632
Net savings:	$2,449,368

TELEPHONE SWITCH SITE PLAN
NAS MEMPHIS (SOUTH SIDE)



1. COMPONENT	FY-96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TENN.	MODIFICATION TO BUILDING 789

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-323T	1,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MODIFICATIONS TO BUILDING 789	SF	10,143	105	1,070
COMPUTER FLOOR	SF	8,000	13	100
SUPPORTING FACILITIES	LS	-	-	10
Seismic Bracing MPE Systems	LS	-	-	(10)
SUBTOTAL				1,180
Contingency (5%)				60
TOTAL CONTRACT COST				1,240
SIOH (6.0%)				70
TOTAL REQUEST				1,310
TOTAL REQUEST ROUNDED				1,300

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modify a single story training building for Bureau of Naval Personnel (BUPERS) according to current Navy and DOD criteria. Alterations consist of removal of interior partitions thereby providing space for a computer data center. Support facilities include HVAC and electrical system upgrade, handicapped toilet, seismic upgrade and conversion of the fire protection system.

Air Conditioning: 100 Tons Seismic Zone: Three (3)

11. REQUIREMENTS: 10,143 SF Adequate: 0 SF Substandard: 0 SF

PROJECT: Provides space for BUPERS Code Pers-104 computer data group. Several interior concrete masonry partitions will be removed and openings cut into remaining concrete masonry walls to provide sufficient open area for installation of computer equipment. A raised computer floor will be installed throughout the open areas. Framing of new wall openings and seismic bracing of new mechanical, plumbing and electrical systems will be done to satisfy seismic zone three (3) requirements. New cooling computer room units with a cooling tower and backup air cooled chiller, condenser water pumps and piping including insulation and controls will be installed. Plumbing modifications will include providing handicapped accessible fixtures. The fire suppression system will be converted from a wet pipe system to a CO2 extinguishing system throughout the building except for the mechanical and restroom areas. New lighting, power, fire alarm system and communications systems will be installed, the electrical power service capacity upgraded and the UPS system and emergency generator system will be relocated from Building S-237 to Building 789.

1. COMPONENT	FY -96 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
NAVY			19 May 94
3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
NAVAL AIR STATION MEMPHIS, MILLINGTON, TENN.		MODIFICATION TO BUILDING 789	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-323T	1,300

9. COST ESTIMATES

REQUIREMENT: The requirement is for computer space to house BUPERS computer group being relocated from Washington, DC to NAS Memphis under BRAC III.

CURRENT SITUATION: No other buildings become available under the BRAC III relocation schedule to provide this requirement.

IMPACT IF NOT PROVIDED: Will not comply with Federal law as directed by BRAC III program.

ADDITIONAL:

Economic Alternatives Considered:

a. Status Quo:
This is not a viable alternative as the project supports a forced relocation of BUPERS from Washington, D.C. to Memphis. There are no other existing facilities in the area which will satisfy the requirement.

b. Leasing:
This is not a viable alternative to meet project requirements.

c. New Construction:
New construction would be more costly and would delay relocation of BUPERS group.

d Rehabilitation/Modernization/Alteration/Conversion:
This alternative will alter a training building into office space for BUPERS. This is the recommended alternative.

e. Analysis Results:
Net present value calculations were not performed since new construction would delay relocation of BUPERS.

BUDGET ESTIMATE SUMMARY SHEET

P- 323T FY 96

TITLE:	MODIFICATIONS TO BUILDING 789	DATE OF ESTIMATE:	19 MAY 94
LOCATION:	NAS MEMPHIS, MILLINGTON TN	DESIGN STATUS:	FACILITY STUDY
PREPARED BY:	HBG MANAGEMENT	DATE ESCALATED TO:	1-Jan-96
A.C.F.:	0.91	ESCALATION FACTOR:	1.049

DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT COST	ESCALATED COST ROUNDED	COST TRANSFER TO 1391
MODIFICATIONS TO BUILDING 789	SF	10,143	105	1,065	1,070
COMPUTER FLOOR	SF	8,000	13	104	100
SUPPORTING FACILITIES					10
Special Construction Facilities					
Emergency Power Service (600 AMP)	LS	--	--	12	(10)
Seismic Upgrade	LS	--	--	1	0

TOTAL CONTRACT COST W/O CONTINGENCY		1,180
CONTINGENCY	5%	60
TOTAL CONTRACT COST		1,240
SIOH	6%	70
TOTAL BUDGET COST		1,310
TOTAL BUDGET COST ROUNDED		1,300

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDING 789	P-323T

1 Project:

The project will modify two (2) one-story Training Buildings for use as a computer data center for the Bureau of Naval Personnel (BUPERS). The project includes demolition of interior partitions, carpet, wall finishes, upgrading of the HVAC, electrical and fire protection systems, as well as providing handicapped toilet access. Supporting facilities include raised computer flooring.

2 Proposed Construction:

a. Type of Construction: Permanent

b. Replacement: Not applicable, forced relocation per BRAC III program.

c. Description of work to be done:

(1) Architectural:

Removal of several interior concrete masonry partitions to provide sufficient open space for computer operation. New ceilings and interior wall and floor finishes will be installed. A raised computer floor will be provided.

(2) Structural:

Framing of new openings in existing concrete masonry walls and seismic bracing of new mechanical plumbing and electrical systems are the extent of the structural work.

(3) HVAC:

Providing new dual cooling computer room units with a cooling tower and backup air cooled chiller (100 tons) and associated chilled water, condenser water pumps and piping including insulation and controls. Also providing an air handler (100% OSA) to introduce ventilation air to all rooms and toilets with related ductwork, piping, air distribution, insulation and controls.

(4) Plumbing:

The plumbing modifications will include providing handicapped accessible fixtures as required.

(5) Fire Protection:

The Fire Protection modifications will include converting the existing wet pipe sprinkler system into a pre-action type system and installing a new FM-200 extinguishing agent system through-out the building except for the mechanical and restroom areas.

(6) Electrical:

New lighting, power and communications for PERS-104 ADP spaces. Upgrade existing electrical service capacity. Relocate Building 237 UPS system and emergency generator system to Building 789. Modification and upgrade to existing fire alarm system.

3 Cost Estimates:

a. Area Cost Factor:	0.91
b. Contingency Factor:	5%
c. Cost Growth Projection Factor:	1,049
d. Estimated Bid Date:	1 Jan 96
e. Midpoint of Construction:	1 Mar 96

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDING 789	P-323T

4 Project Justification:

a. This project will modify a single story Training Building to be used as an office computer facility for the Bureau of Naval Personnel (BUPERS) which will be relocated from Washington, DC to NAS Memphis, included in the project is the removal of selected interior masonry partitions, upgrade of the HVAC, electrical and fire protection on systems, handicapped toilet upgrade, new wall finishes and raised computer flooring.

b. The requirement is to provide office space for BUPERS computer personnel by modifying an existing Training Building.

c. The current situation is that office space is not available at NAS Memphis.

d. The impact if not provided is that the BRAC III program at NAS Memphis cannot be implemented.

5 Collateral Equipment:

a. Built-in equipment will include heating, ventilating and air conditioning systems, telephone and data communication conduit and built-in cabinets and shelving.

b. Personal Property and Initial Outfitting: BUPERS is currently performing an analysis of collateral equipment which may be made available for reuse from BRAC activities.

c. Supporting Facilities include raised computer floor.

6 Common Support Spaces

Not applicable.

7 Effect On Other Resources:

a. The project will not increase Operation and Maintenance (OPMN) funds for utility services and operations since the base is changing from a Naval Air Station training facility to a Naval Support Activity of basically an administrative nature under BRAC III.

b. The utility requirements for the project are estimated to be:

(1) Electricity:
Consumption and peak demand to be analyzed.

(2) Water:
Consumption: 116,800 gal/yr

(3) Sewage:
Generation: 105,900 gal/yr

8 Project Site

The location of the project is shown on the attached site plan NAS Memphis (South Side) (Exhibit 1).

9 Demolition

Not applicable.

10 Economic Analysis:

An economic analysis has not been prepared since there is no feasible alternative to satisfy the requirement.

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDING 789	P-323T

11 Environmental Impact
An Environmental Assessment will be performed for this project under separate contract.

12 Maintenance Facilities
Not applicable.

13 Morale, Welfare and Recreation Facilities
Not applicable.

14 Storage Facilities
Not applicable.

15 Hazards Assessment and Analysis
Risk Assessment is provided in Attachment A. The Risk Assessment Code assigned is 5-Negligible.
A preliminary hazard analysis is not required.

16 Defense Access Roads
Not applicable.

17 Nuclear Survivability
Not applicable.

18 Industrial Facilities
Not applicable.

19 Telephones
Administrative telephone service for these facilities will be provided by the basic main telephone switching system. The telephone will be connected to the telephone switch by metallic and fiber optic telephone cables in a manhole and duct system.

20 Intrusion Detect System
Not applicable.

21 Hyperbarics
Not applicable.

22 Uninterruptable Power System (UPS)
Relocate Building S-237 UPS system and emergency generator system to Building 789.

23 Tempest Shielding
Not applicable.

24 Physical Security
This project has been reviewed in the context of installation of physical security plan and security features are not needed.

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDING 789	P-323T

25 Preservation of Historical Sites And Structures
Not applicable.

26 Design For Accessibility of Physically Handicapped Personnel
Provisions for handicapped persons will be incorporated into this facility.

27 Floodplain Management & Wetlands Protection
The proposed building is not located within a designated floodplain. Wetlands are not impacted.

28 Intergovernmental Coordination
Not applicable.

29 Planning in the National Capital Region
Not applicable.

30 NATO Infrastructure Program
Not applicable.

31 Endangered Species and Other Natural Resource Considerations
Current use of the site is a training facility and therefore it is anticipated that no negative impact to threatened or endangered species will be encountered.

32 Graphic Materials
Attachment A: Risk Assessment Code
Sketch exhibits are attached that depict the Site Plans and building floor plans as follows:

Exhibit 1	Building 789 Site Plan NAS Memphis (South Side)
Exhibit 2	Site Plan, Building 789
Exhibit 3	First Floor Plan, Building 789

RISK ASSESSMENT CODE CALCULATION TABLE

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(2) 1	Operating environment is hazardous due to toxic substances, radiation, flammables, dusts, etc.	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(2) 1	Processes involve hazardous components (i.e. fuels toxics, acids, electrical components.)	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(1) 1	Operating, maintenance, test or emergency procedures may be inadequate due to such factors as high noise levels, building security, isolated building location, etc.	Procedural problems are very unlikely.	Problems unlikely but possible.	Problems likely to occur on occasion.	Significant problems may be anticipated.	Serious problems	5
(2) 1	Engineering Controls (safety interlocks, adequate ventilation, protective guards/ shields, etc) are essential to provide adequate safety.	Engr. control failure would not create a significant additional hazard.	Engr. control failure would increase hazard to worker slightly.	Engr. control failure would cause concern but processes are only moderately hazardous.	Engr. control failure would create serious concern.	Failure of engr. controls would create a dangerous situation.	5
(1) 1	Operational and safety training is important for work protection.	Training is desirable even though accident potential is low.	Without training, accident potential is moderate.	Without training, accidents may occur once or twice a year.	Without training, accidents probably will occur several times each year.	Without training, accidents are likely to occur frequently.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(4) 1	The facility uses or could produce hazards well above those which the human body could tolerate and persons are required to work in or enter these high energy areas during operations (i.e. pressure vessel testing, explosive potential, flammable liquid mixing, etc.)	Limited infrequent employee exposure. Risk to employee is very unlikely.	Occasional employee exposure. Redundant safeguards. Limited employee risk.	Regular employee exposure for limited durations. Moderate employee risk.	Frequent employee exposure. Energy release could cause serious injury.	Employee exposure is continuous. Inadvertent energy release could cause death.	5
(4) 1	Facility hazards are such that control system failure would have a serious impact on mission capability or serious damage to the facility resulting in a large dollar loss.	Limited value facility. Redundant controls or relatively minor hazards.	Facility of moderate value/ importance. Control system failure could result in minor property damage.	Important facility with at least one or two relatively hazardous operations.	Very important hazardous facility. Control system failure likely to result in major damage.	Very hazardous, critical facility. Control system failure likely to result in a total loss.	5
(2) 1	Facility operating equipment presents a hazard due to potential for chemical burns, electric shock, cutting edges, sharp points, etc.	Small amount of hazardous equipment, presents slight additional hazards.	Some hazardous equipment present creating a minor potential for injury.	Moderate amount of hazardous equipment. Minor injuries probable if operated unsafely.	Significant quantity of hazardous equipment presents a serious injury potential.	Large quantity of hazardous equipment. Severe injury potential.	5
(2) 1	Personal protective equipment (PPE) is essential to protect workers from facility hazards.	PPE is desirable at times, though exposure to hazards is unlikely.	PPE is required on occasion but hazards are limited and and well controlled.	PPE is required at most times for worker protection.	Lack of PPE will probably expose worker to danger.	Lack or failure of PPE would immediately result in danger to worker.	5

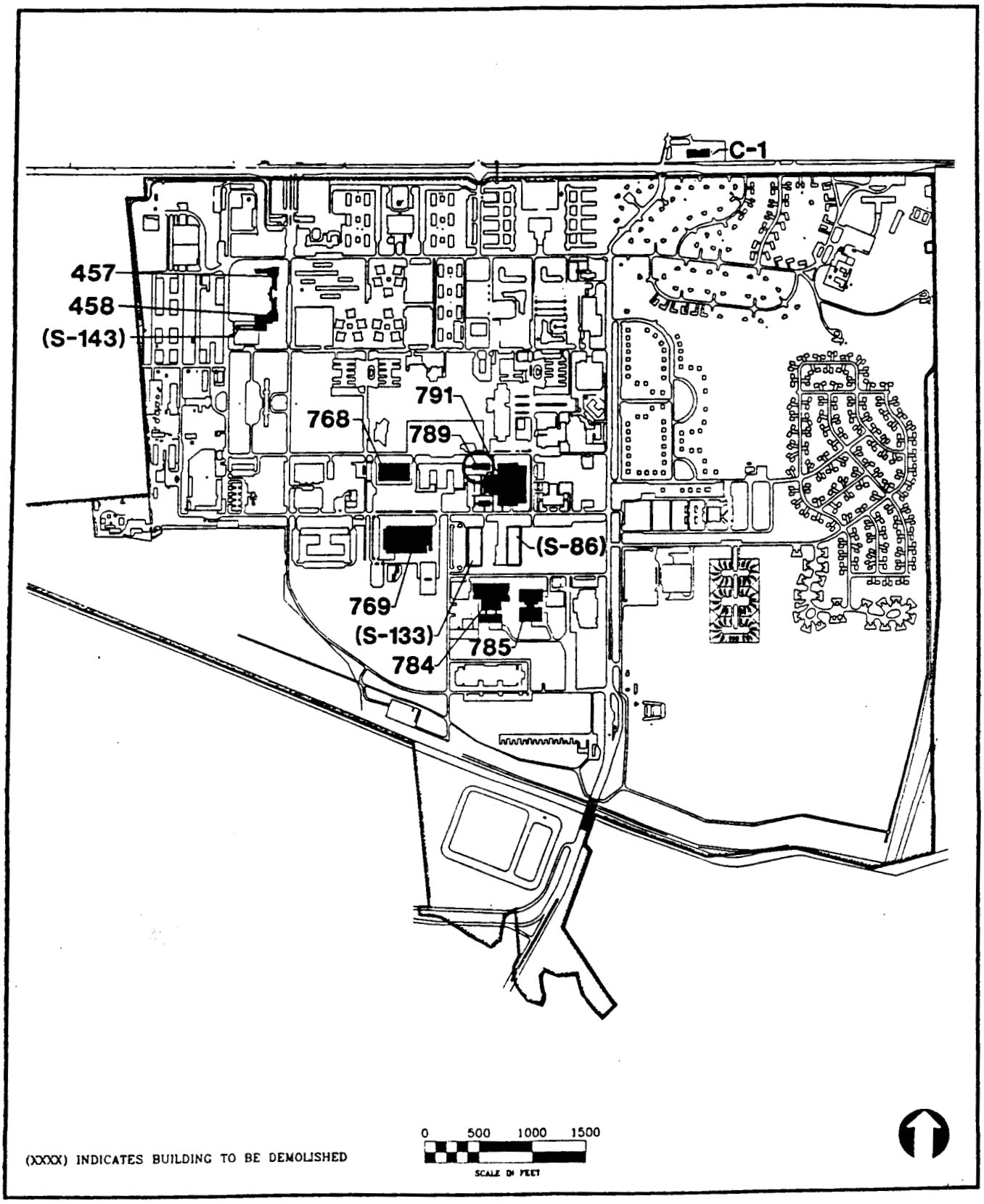
Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(3) 2	Facility is open to the general public. Occupants may include persons handicapped by physical or mental disability, age, illness or security measures not under the occupant control.	Exposure of handicapped occupants to hazard is considered remote.	Exposure of handicapped occupants to hazard is unlikely but possible.	Handicapped occupants may well be exposed to hazards on occasion.	Significant hazards to handicapped occupants.	Hazardous facility. Handicapped occupants are at risk.	10

Multiplier total = 11

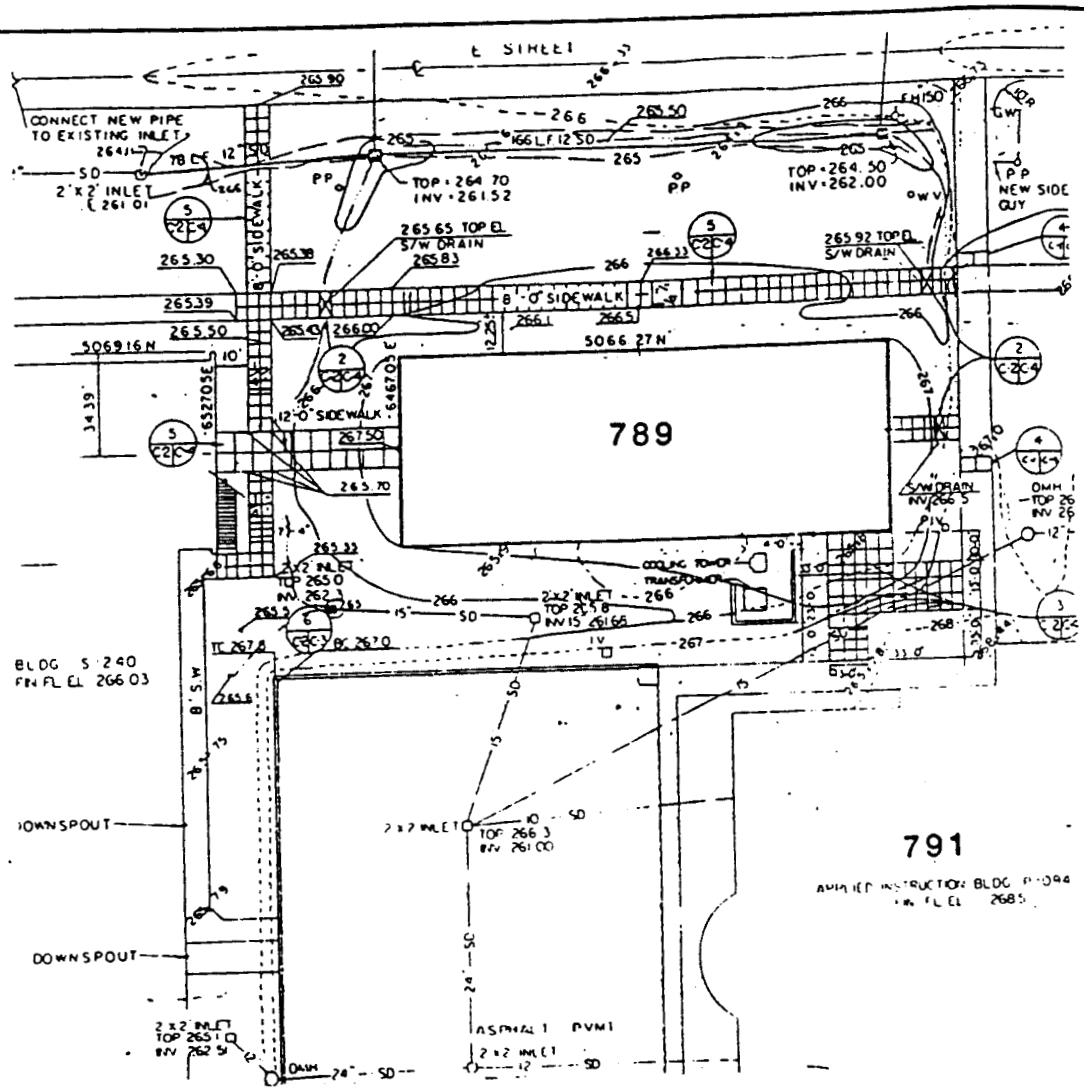
GRAND TOTAL (Weighted Total Sum) = 55

(Divide Weighted Total Sum) to obtain Numerical RAC Figure = 55/11 = 5.00
(By Multiplier Total Sum)

BUILDING 789 SITE PLAN
NAS MEMPHIS (SOUTH SIDE)



SITE PLAN
BUILDING 789



10 50
0 20 100
1" = 100'

EXISTING CONDITIONS

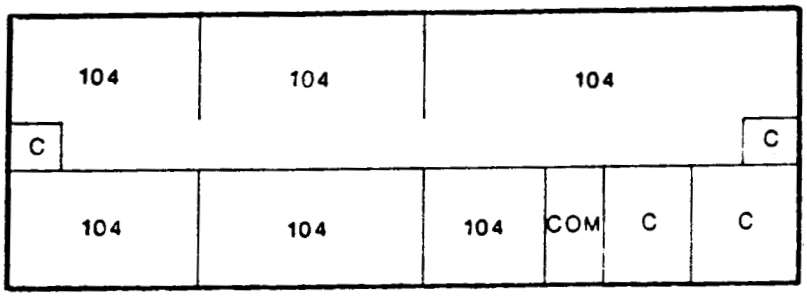
- Utilities
  - Fire protection main
  - Domestic water service
  - Steam (2"S, 2"PC)
  - Sanitary sewer
  - Pad mounted transformer 265KVA, 120/208V

SITE MODIFICATIONS

- Parking added to the south of Building 791

  Refer to Vicinity Site Plan, Sitework Modifications

FIRST FLOOR PLAN
BUILDING 789



C = Core Space
COM = Common Space

5 20
0 10 50
1" = 40'

BUILDING EFFICIENCY/ UTILIZATION

Existing Available SF	
Gross Square Footage	10,143
Usable Square Footage	8,015
Net Square Footage	5,725
Building Efficiency %	56.44%
Required Net SF	5,725

MAJOR MODIFICATION REQUIREMENTS

1. Modify HVAC and electrical systems
2. UPS systems
3. Add emergency generator
4. Add FM-200 fire supression system in computer area
5. Add office finishes

1. COMPONENT	FY 19 96	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY			19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON TN	MODIFICATIONS TO BUILDING 769

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-324T	7,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MODIFICATIONS TO BUILDING 769	SF	126,973	46	5,840
REPAIR/MODIFY COMPUTER FLOOR	SF	126,973	1.10	140
SUPPORTING FACILITIES	LS			640
Special Construction Features	LS	-	-	(640)
SUBTOTAL				6,620
Contingency (5%)				330
TOTAL CONTRACT COST				6,950
SIOH (6.0%)				420
TOTAL REQUEST				7,370
TOTAL REQUEST ROUNDED				7,400

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modify a one story Training Building to Bureau of Naval Personnel (BUPERS) space according to current Navy and DOD criteria. Modifications include demolition of interior partitions to provide for open office work stations, installation of voting tanks, modification of computer flooring, HVAC, electrical, toilet and fire protection upgrades.

Air Conditioning: 610 Tons Seismic Zone: Three (3)

11. REQUIREMENTS: 126,973 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT: Provide office space for the Bureau of Naval Personnel.

REQUIREMENT:
The requirement is to provide office space for the Bureau of Naval Personnel relocation from Washington D.C. to NAS Memphis under BRAC III. The project will provide modifications to convert a single story training building to office building occupancy.

CURRENT SITUATION:
No other buildings become available under the BRAC III relocation schedule to provide this requirement.

IMPACT IF NOT PROVIDED:
Will not comply with the requirements of the Federal law as directed by BRAC III program.

1. COMPONENT	FY 19 96	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY			19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON TN	MODIFICATIONS TO BUILDING 769

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-324T	7,400

9. COST ESTIMATES

11. REQUIREMENTS: (continued)

ADDITIONAL:

Economic Alternatives Considered:

a. Status Quo:
This is not viable alternative as the project supports a forced relocation of BUPERS from Washington, D.C. to NAS Memphis, TN. There are no other existing facilities in the area which will satisfy the requirement.

b. Leasing:
This is not a viable alternative to meet project requirements.

c. New Construction:
New construction would be more costly and would delay relocation of BUPERS codes.

d. Rehabilitation/Modernization/Alteration/Conversion:
This alternative will alter a training building into office space for BUPERS. This is the recommended alternative.

e. Analysis Results:
Net present value calculations were not performed since new construction would delay relocation of BUPERS organizations.

BUDGET ESTIMATE SUMMARY SHEET

P- 324T FY 96

TITLE:	MODIFICATION OF BUILDING 769	DATE OF ESTIMATE:	19 MAY 94
LOCATION:	NAS MEMPHIS, MILLINGTON TN	DESIGN STATUS:	FACILITY STUDY
PREPARED BY:	HBG MANAGEMENT	DATE ESCALATED TO:	1-Sep-96
A.C.F.:	0.91	ESCALATION FACTOR:	1.072

DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT COST	ESCALATED COST ROUNDED	COST TRANSFER TO 1391
MODIFICATIONS TO BUILDING 769	SF	126,973	46	5,841	5,840
REPAIR/MODIFY COMPUTER FLOOR	SF	126,973	1.10	140	140
SUPPORTING FACILITIES					640
Special Construction Facilities					(640)
Seismic Upgrade of Building	LS			531	
Seismic Bracing - MPE Systems	LS			15	
Mail Dock	LS			25	
Asbestos Abatement	LS			67	

TOTAL CONTRACT COST W/O CONTINGENCY		6,620
CONTINGENCY	5%	330
TOTAL CONTRACT COST		6,950
SIOH	6%	420
TOTAL BUDGET COST		7,370
TOTAL BUDGET COST ROUNDED		7,400

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19-May-94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDING 769	P-324T

1 Project:

The project will modify a single story Training Building to provide office space for the Bureau of Naval Personnel. Modifications include demolition of interior partitions to provide for open office workstations, installation of voting tanks, modification of computer flooring, HVAC, electrical, toilet and fire protection upgrade.

2 Proposed Construction:

a. Type of Construction: Permanent

b. Replacement: Not applicable, forced relocation per BRAC III program.

c. Description of work to be done:

(1) Architectural:

The project consists of demolition of interior partitions, addition of new drywall partitions and modification of computer flooring, new ceilings, carpet and interior finishes.

(2) Structural:

The west portion of the building will be strengthened to resist lateral Zone 3 seismic forces. Additional members will be added to the exterior moment frame bays to create "K" brace frames. Non-structural elements such as ceiling and lighting systems and piping will be braced while the exterior panel wall connections to the frames will be strengthened. A dock for mail will be constructed on the south end.

(3) HVAC:

Upgrading HVAC systems by converting chillers (610 tons), to use alternative refrigerant, replacing cooling tower, pumps, air handlers and related piping, air distribution, insulation and controls accommodate change in occupancy to an office building. Also providing independent air conditioning systems for LAN closets, tanks and BCNR ADP room.

(4) Plumbing:

The plumbing modifications will include converting three (3) officer's restroom areas into women's restroom areas and combining them with existing women's restroom areas. Adding approximately three new water closets and lavatories, providing handicapped accessible fixtures as well as miscellaneous plumbing fixtures as required.

(5) Fire Protection:

The Fire Protection modifications will include revising sprinkler head locations to accommodate new partition and ceiling layout.

(6) Electrical:

New lighting, power and communications for PERS-01and PERS-3 office environment. ADP room power for EMPRS including UPS system and emergency generator system. Lighting and power for PERS-015 training room, PERS-016 preview theatre, selection board tanks and theatre. Modification and upgrade to existing fire alarm system.

3 Cost Estimates:

a. Area Cost Factor:	0.91
b. Contingency Factor:	5%
c. Cost Growth Projection Factor:	1,072
d. Estimated Bid Date:	1 Sep 96
e. Midpoint of Construction:	1 Feb 97

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19-May-94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDING 769	**P-324T**

4 Project Justification:

a. The project will modify one Training Building to be used by the Bureau of Naval Personnel (BUPERS) which will be relocated from Washington, D.C. under BRAC III.

b. The requirement is to provide office space for BUPERS administrative personnel by modifying an existing Training Building.

c. The Current Situation is that office space is not available at NAS Memphis.

d. The impact if not provided is that the BRAC III program at NAS Memphis cannot be implemented.

5 Collateral Equipment:

a. Built-in equipment will include heating, ventilating and air conditioning systems, telephone and data communication conduit and cabling system, built-in cabinets and shelving.

b. Personal Property and Initial Outfitting: BUPERS is currently performing an analysis of collateral equipment which may be made available for reuse from BRAC activities.

c. Supporting Facilities include seismic upgrade of building structural system and seismic bracing of mechanical, plumbing and electrical systems, mail dock and asbestos abatement.

6 Common Support Spaces

Not applicable.

7 Effect On Other Resources:

a. The project will not increase the Operation and Maintenance (OPMN) funds for utility services and operations since the base is changing from a Naval Air Station training facility to a Naval Support Activity of basically an administrative nature under BRAC III.

b. The utility requirements for the project are estimated to be:

(1) Electricity: Consumption and peak demand to be analyzed.

(2) Water Consumption: 3,381,400 gal/yr

(3) Sewage Generation: 3,064,400 gal/yr

8 Project Site

The location of this project is shown on the attached Site Plan NAS Memphis (South Side) (Exhibit 1).

9 Demolition

Not applicable.

10 Economic Analysis:

An economic analysis has not been prepared since there is no feasible alternative to satisfy the requirement.

11 Environmental Impact

An Environmental Assessment will be performed for this project under separate contract.

12 Maintenance Facilities

Not applicable.

13 Morale, Welfare and Recreation Facilities

Not applicable.

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19-May-94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDING 769	P-324T

14 Storage Facilities
Not applicable.

15 Hazards Assessment and Analysis
Risk Assessment is provided in Attachment A. The Risk Assessment Code assigned is 5-Negligible. A preliminary hazard analysis is not required.

16 Defense Access Roads
Not applicable.

17 Nuclear Survivability
Not applicable.

18 Industrial Facilities
Not applicable.

19 Telephones
Administrative telephone service for these facilities will be provided by the basic main telephone switching system. The telephone will be connected to the telephone switch by metallic and fiber optic cables in a manhole and duct system.

20 Intrusion Detect System
Not applicable.

21 Hyperbarics
Not applicable.

22 Uninterruptable Power System (UPS)
Not applicable.

23 Tempest Shielding
Not applicable.

24 Physical Security
This project has been reviewed in the context of installation of physical security plan and security features are not needed.

25 Preservation of Historical Sites And Structures
Not applicable.

26 Design For Accessibility of Physically Handicapped Personnel
Not applicable.

27 Floodplain Management & Wetlands Protection
The proposed building is not located within a designated floodplain. Wetlands are not impacted.

1. COMPONENT	FY 19 96 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19-May-94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDING 769	P-324T

28 Intergovernmental Coordination
Not applicable.

29 Planning in the National Capital Region
Not applicable.

30 NATO Infrastructure Program
Not applicable.

31 Endangered Species and Other Natural Resource Considerations
Current use of the site is a training building and therefore it is anticipated that no negative impact to threatened or endangered species will be encountered.

32 Graphic Materials
Attachment A: Risk Assessment Code
Sketch exhibits are attached that depict the Site Plan and building floor plans configuration, as follows:

Exhibit 1	Building 769, Site Plan, NAS Memphis (South Side)
Exhibit 2	Site Plan, Building 769
Exhibit 3	Floor Plan, Building 769

RISK ASSESSMENT CODE CALCULATION TABLE

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(2) 1	Operating environment is hazardous due to toxic substances, radiation, flammables, dusts, etc.	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(2) 1	Processes involve hazardous components (i.e. fuels toxics, acids, electrical components.)	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(1) 1	Operating, maintenance, test or emergency procedures may be inadequate due to such factors as high noise levels, building security, isolated building location, etc.	Procedural problems are very unlikely.	Problems unlikely but possible.	Problems likely to occur on occasion.	Significant problems may be anticipated.	Serious problems	5
(2) 1	Engineering Controls (safety interlocks, adequate ventilation, protective guards/ shields, etc) are essential to provide adequate safety.	Engr. control failure would not create a significant additional hazard.	Engr. control failure would increase hazard to worker slightly.	Engr. control failure would cause concern but processes are only moderately hazardous.	Engr. control failure would create serious concern.	Failure of engr. controls would create a dangerous situation.	5
(1) 1	Operational and safety training is important for work protection.	Training is desirable even though accident potential is low.	Without training, accident potential is moderate.	Without training, accidents may occur once or twice a year.	Without training, accidents probably will occur several times each year.	Without training, accidents are likely to occur frequently.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(4) 1	The facility uses or could produce hazards well above those which the human body could tolerate and persons are required to work in or enter these high energy areas during operations (i.e. pressure vessel testing, explosive potential, flammable liquid mixing, etc.)	Limited infrequent employee exposure. Risk to employee is very unlikely.	Occasional employee exposure. Redundant safeguards. Limited employee risk.	Regular employee exposure for limited durations. Moderate employee risk.	Frequent employee exposure. Energy release could cause serious injury.	Employee exposure is continuous. Inadvertent energy release could cause death.	5
(4) 1	Facility hazards are such that control system failure would have a serious impact on mission capability or serious damage to the facility resulting in a large dollar loss.	Limited value facility. Redundant controls or relatively minor hazards.	Facility of moderate value/ importance. Control system failure could result in minor property damage.	Important facility with at least one or two relatively hazardous operations.	Very important hazardous facility. Control system failure likely to result in major damage.	Very hazardous, critical facility. Control system failure likely to result in a total loss.	5
(2) 1	Facility operating equipment presents a hazard due to potential for chemical burns, electric shock, cutting edges, sharp points, etc.	Small amount of hazardous equipment, presents slight additional hazards.	Some hazardous equipment present creating a minor potential for injury.	Moderate amount of hazardous equipment. Minor injuries probable if operated unsafely.	Significant quantity of hazardous equipment presents a serious injury potential.	Large quantity of hazardous equipment. Severe injury potential.	5
(2) 1	Personal protective equipment (PPE) is essential to protect workers from facility hazards.	PPE is desirable at times, though exposure to hazards is unlikely.	PPE is required on occasion but hazards are limited and and well controlled.	PPE is required at most times for worker protection.	Lack of PPE will probably expose worker to danger.	Lack or failure of PPE would immediately result in danger to worker.	5

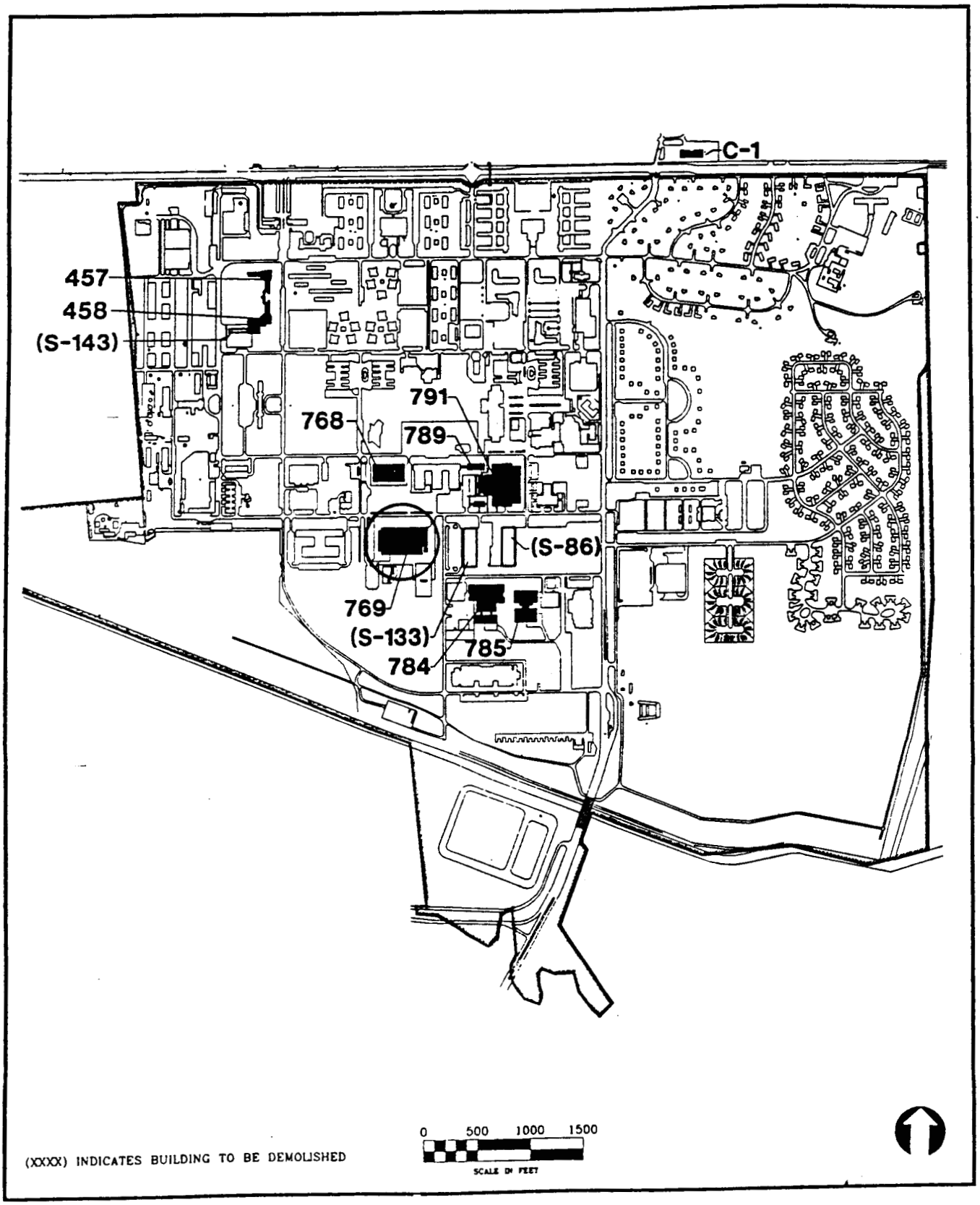
Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(3) 2	Facility is open to the general public. Occupants may include persons handicapped by physical or mental disability, age, illness or security measures not under the occupant control.	Exposure of handicapped occupants to hazard is considered remote.	Exposure of handicapped occupants to hazard is unlikely but possible.	Handicapped occupants may well be exposed to hazards on occasion.	Significant hazards to handicapped occupants.	Hazardous facility. Handicapped occupants are at risk.	10

Multiplier total = 11

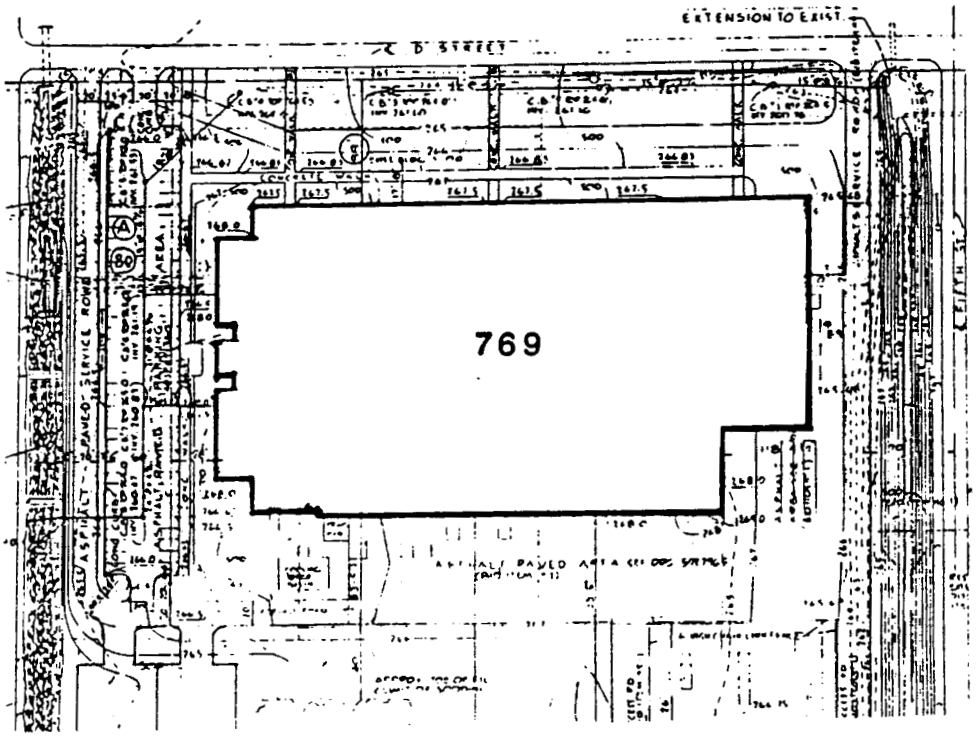
GRAND TOTAL
(Weighted Total Sum) = 55

(Divide Weighted Total Sum) to obtain Numerical RAC Figure = 55/11 = 5.00
(By Multiplier Total Sum)

BUILDING 769 SITE PLAN
NAS MEMPHIS (SOUTH SIDE)



SITE PLAN
BUILDING 769



10 50
0 20 100
1" = 100'

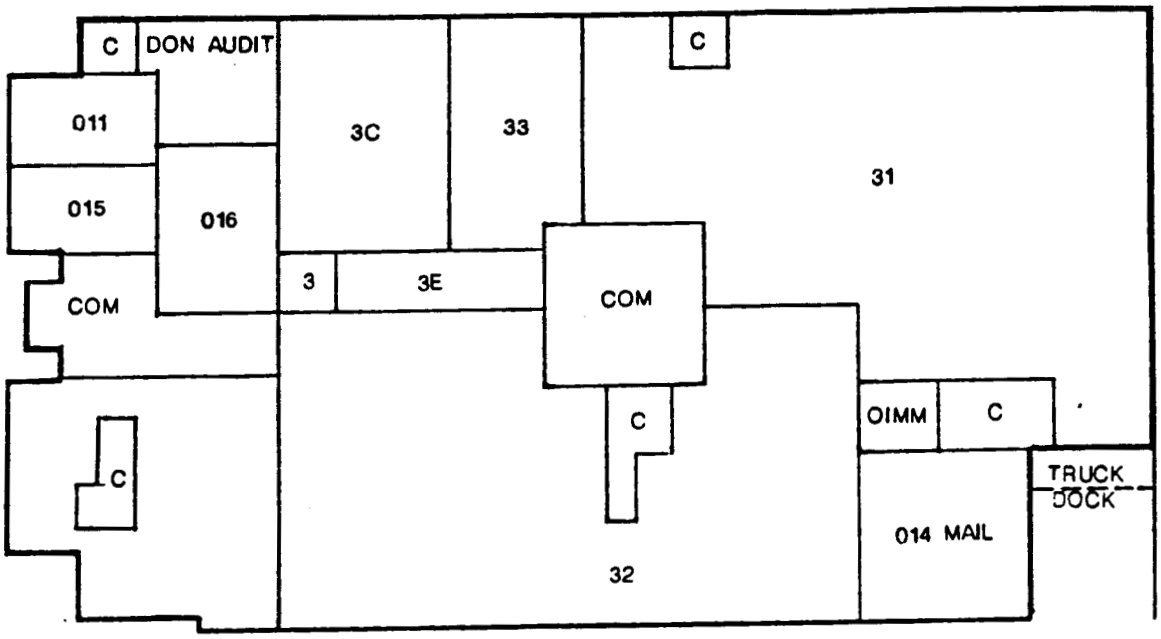
EXISTING CONDITIONS

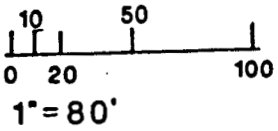
- Parking for 166 vehicles
- Utilities
  - 6" fire protection
  - Domestic water
  - Steam (6"S, 3"PC)
  - Sanitary sewer
  - Pad mounted transformers 2 @ 1500KVA, 277/480V

SITE MODIFICATIONS

- Paint stripping
- Patch asphalt after removal of equipment

FIRST FLOOR PLAN
BUILDING 769





C = Core Space
COM = Common Space

BUILDING EFFICIENCY/ UTILIZATION

Existing Available SF	
Gross Square Footage	126,973
Usable Square Footage	109,821
Net Square Footage	78,444
Building Efficiency %	61.78%
Required Net SF	71,408

MAJOR MODIFICATION REQUIREMENTS

1. Remove ceilings, partitions, lighting, and ductwork
2. Add partitions, ceilings, lights, and office finishes
3. Modify computer flooring
4. Modify mechanical, electrical, and plumbing

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TN	MODIFICATIONS TO BUILDINGS 768 & C-1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-325T	7,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MODIFICATIONS TO BUILDING 768	SF	139,460	44	6,140
BUILDING 768 ELEVATOR	LS	-	-	80
MODIFICATIONS TO BUILDING C-1	SF	62,298	0.40	30
SUPPORTING FACILITIES	LS			90
Special Construction Features	LS	-	-	(90)
SUBTOTAL				6,340
Contingency (5%)				320
TOTAL CONTRACT COST				6,660
SIOH (6.0%)				400
TOTAL REQUEST				7,060
TOTAL REQUEST ROUNDED				7,100

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modify one (1) Training Building to serve as office occupancy according to current Navy and DOD criteria. Support facilities include cast-in-space piling, seismic bracing of mechanical, plumbing and electrical systems and asbestos abatement. Building C-1 now serves as headquarters for Chief of Naval Technical Training. Minor modifications to interior walls and electrical systems will be made to serve as headquarters for the Bureau of Naval Personnel relocated from Washington D.C. to NAS Memphis under BRAC III.

Air Conditioning: 550 tons Seismic Zone: Three (3)

11. REQUIREMENTS: 201,758 SF **Adequate:** 0 SF **Substandard:** 0 SF

PROJECT: Provides office space for Bureau of Naval Personnel.

REQUIREMENT: The requirement is to house the offices of the Bureau of Naval Personnel under the relocation plan of BRAC III.

CURRENT SITUATION: No other facilities are available at NAS Memphis under the BRAC III relocation schedule.

IMPACT IF NOT PROVIDED: Will not comply with the requirements of Federal Law as directed by BRAC III program.

ADDITIONAL:

Economic Alternatives Considered

a. Status Quo:

This is not a viable alternative, as the project support a forced relocation of BUPERS from Washington D.C. to NAS Memphis. There are no other existing facilities in the area which will satisfy the requirement.

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TN	MODIFICATIONS TO BUILDINGS 768 & C-1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-325T	7,100

9. COST ESTIMATES

b. Leasing:
This is not a viable alternative to meet project requirements.

c. New Construction:
New construction would be more costly and would delay relocation of BUPERS groups.

d. Rehabilitation/Modernization/Alteration/Conversion:
This alternative will alter one (1) Training Building and CNTT Headquarters Building (C-1) space for BUPERS. This is the recommended alternative.

e. Analysis Results:
Net present value calculations were not performed since new construction would delay relocation of BUPERS organizations.

BUDGET ESTIMATE SUMMARY SHEET

P- 325T FY 97

TITLE:	MODIFICATION OF BUILDING 768 & C-1	DATE OF ESTIMATE:	19 MAY 94
LOCATION:	NAS MEMPHIS, MILLINGTON TN	DESIGN STATUS:	FACILITY STUDY
PREPARED BY:	HBG MANAGEMENT	DATE ESCALATED TO:	1-Jul-97
A.C.F.:	0.91	ESCALATION FACTOR:	1.098

DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT COST	ESCALATED COST ROUNDED	COST TRANSFER TO 1391
MODIFICATIONS TO BUILDING 768	SF	139,460	44	6,136	6,140
BUILDING 768 ELEVATOR	LS	-	-	78	80
MODIFICATIONS TO BUILDING C-1	SF	62,298	0.40	25	30
SUPPORTING FACILITIES					90
Special Construction Facilities					(90)
Piling - Cast-in-Place	LF	300	26	8	
Seismic Bracing - MPE Systems	LS			16	
Asbestos Abatement	LS			69	

TOTAL CONTRACT COST W/O CONTINGENCY		6,340
CONTINGENCY	5%	320
TOTAL CONTRACT COST		6,660
SIOH	6%	400
TOTAL BUDGET COST		7,060
TOTAL BUDGET COST ROUNDED		7,100

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 768 & C-1	P-325T

1 Project:

The project will modify a three story Training Building and a two story administrative building to provide office space for the Bureau of Naval Personnel. Modifications include demolition of interior partitions to provide for office work stations, HVAC, electrical, toilet and fire protection upgrade. Building C-1 will receive minor modifications relating to electrical systems and addition of drywall partitions.

2 Proposed Construction:

a. Type of Construction: Permanent

b. Replacement: Not applicable, forced relocation per BRAC III program.

c. Description of work to be done:

Building 768 / Elevator Connector

(1) Architectural:

The project consists of demolition of interior partitions, addition of new drywall partitions and modification of computer flooring.

(2) Structural:

The 3 story Elevator Connector will be of steel framed construction and will be separated from the existing reinforced concrete building by a 2 inch seismic joint. The Zone 3 seismic forces will be resisted by moment frames. The foundation system will be augercast piling bearing approximately 50 feet below the ground surface.

(3) HVAC:

Upgrading HVAC systems by replacing chiller (550 tons), cooling tower, pumps and related piping, reworking ductwork, air distribution, ventilation rate, insulation and controls to accommodate change in occupancy from a classroom building to an office building. Also providing independent air air conditioning systems for LAN closets and NODAC ADP room.

(4) Plumbing:

The Plumbing modifications will include converting one men's toilet on each level to a women's, adding approximately 14 new water closets and lavatories, providing handicapped accessible fixtures and miscellaneous plumbing fixtures as required.

(5) Fire Protection

The Fire Protection modifications will include relocating sprinkler heads to accommodate new partition and ceiling layouts.

(6) Electrical:

New lighting, power and communications for PERS-01, PERS-5 and PERS-6 office environment. ADP room power for NODAC including UPS system and emergency generator system. Upgrade existing electrical service capacity. Modification and upgrade to existing fire alarm system.

Building C-1

(1) Architectural:

Modify existing interior drywall partitions.

(2) Electrical:

Modify electrical data and telephone systems.

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 768 & C-1	P-325T

3 Cost Estimates:

a. Area Cost Factor:	0.91
b. Contingency Factor:	5%
c. Cost Growth Projection Factor:	1.098
d. Estimated Bid Date:	1-Jul-97
e. Midpoint of Construction:	1-Dec-98

4 Project Justification:

a. This project modifies a three (3) story training building to provide office space for the Bureau of Naval Personnel (BUPERS) which will be relocated from Washington D.C. to NAS Memphis under BRAC III.

b. The requirement is to modify an existing training building to provide office space for BUPERS.

c. The current situation is that office space is not available at NAS Memphis.

d. The impact if not provided is that the BRAC III program at NAS Memphis cannot be implemented.

5 Collateral Equipment:

a. Built-in equipment will include heating, ventilating and air conditioning systems, telephone and data communication conduit, built-in cabinets and shelving.

b. Personal Property and Initial Outfitting: BUPERS is currently performing an analysis of collateral equipment which may be made available for reuse from BRAC activities.

c. Supporting Facilities include cast in place piling, seismic bracing of mechanical, plumbing and electrical systems and asbestos abatement.

6 Common Support Spaces

Not applicable.

7 Effect On Other Resources:

a. The project will not increase Operation and Maintenance (OPMN) funds for utility services and operations since the base is changing from a Naval Air Station training facility to a Naval Support Activity of basically an administrative nature under BRAC III.

b. The utility requirements for the project are estimated to be:

Building 768:

(1) Electricity: Consumption and peak demand to be analyzed.

(2) Water: 2,433,600 gal/yr

(3) Sewage: 2,205,500 gal/yr.

Building C-1:

No change in utility requirements is anticipated.

8 Project Site

The location of the project is shown on the attached Building 768 Site Plan, NAS Memphis (South Side) and Building C-1 Site Plan, NAS Memphis (South Side) (Exhibit 6).

9 Demolition

Not applicable.

10 Economic Analysis:

An economic analysis has not been prepared since there is no feasible alternative to satisfy the requirement.

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 768 & C-1	P-325T

11 Environmental Impact
An Environmental Impact Assessment will be performed for this project under separate contract.

12 Maintenance Facilities
Not applicable.

13 Morale, Welfare and Recreation Facilities
Not applicable.

14 Storage Facilities
Not applicable.

15 Hazards Assessment and Analysis
Risk Assessment is provided in Attachment A. The Risk Assessment Code assigned is 5-Negligible.
A preliminary hazard analysis is not required.

16 Defense Access Roads
Not applicable.

17 Nuclear Survivability
Not applicable.

18 Industrial Facilities
Not applicable.

19 Telephones
Administrative telephone service for these facilities will be provided by the basic main telephone switching system. Telephones will be connected to the telephone switch by metallic and fiber optic cables in a manhole and duct system.

20 Intrusion Detect System
Not applicable.

21 Hyperbarics
Not applicable.

22 Uninterruptable Power System (UPS)
Not applicable.

23 Tempest Shielding
Not applicable.

24 Physical Security
This project has been reviewed in the context of installation of physical security plan and security features are not needed.

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 768 & C-1	P-325T

25 Preservation of Historical Sites And Structures
Not applicable.

26 Design For Accessibility of Physically Handicapped Personnel
Provisions for handicapped persons will be incorporated into this facility.

27 Floodplain Management & Wetlands Protection
The proposed building is not located within a designated floodplain. Wetlands are not impacted.

28 Intergovernmental Coordination
Not applicable.

29 Planning in the National Capital Region
Not applicable.

30 NATO Infrastructure Program
Not applicable.

31 Endangered Species and Other Natural Resource Considerations
Current use of the site is a Naval Air Station and therefore it is anticipated that no negative impact to threatened or endangered species will be encountered.

32 Graphic Materials
Attachment A: Risk Assessment Code
Sketch exhibits are attached that depict the NATTC Site Plan, building floor plans, typical unit plans and facility configuration, as follows:

Exhibit 1:	Building 768 Site Plan, NAS Memphis (South Side)
Exhibit 2:	Site Plan, Building 768
Exhibit 3:	First Floor Plan, Building 768
Exhibit 4:	Second Floor Plan, Building 768
Exhibit 5:	Third Floor Plan, Building 768
Exhibit 6:	Building C-1, Site Plan, NAS Memphis (South Side)
Exhibit 7:	Site Plan, Building C-1
Exhibit 8:	First Floor Plan, Building C-1
Exhibit 9:	Second Floor Plan, Building C-1

RISK ASSESSMENT CODE CALCULATION TABLE

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(2) 1	Operating environment is hazardous due to toxic substances, radiation, flammables, dusts, etc.	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(2) 1	Processes involve hazardous components (i.e. fuels toxics, acids, electrical components.)	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(1) 1	Operating, maintenance, test or emergency procedures may be inadequate due to such factors as high noise levels, building security, isolated building location, etc.	Procedural problems are very unlikely.	Problems unlikely but possible.	Problems likely to occur on occasion.	Significant problems may be anticipated.	Serious problems	5
(2) 1	Engineering Controls (safety interlocks, adequate ventilation, protective guards/ shields, etc) are essential to provide adequate safety.	Engr. control failure would not create a significant additional hazard.	Engr. control failure would increase hazard to worker slightly.	Engr. control failure would cause concern but processes are only moderately hazardous.	Engr. control failure would create serious concern.	Failure of engr. controls would create a dangerous situation.	5
(1) 1	Operational and safety training is important for work protection.	Training is desirable even though accident potential is low.	Without training, accident potential is moderate.	Without training, accidents may occur once or twice a year.	Without training, accidents probably will occur several times each year.	Without training, accidents are likely to occur frequently.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(4) 1	The facility uses or could produce hazards well above those which the human body could tolerate and persons are required to work in or enter these high energy areas during operations (i.e. pressure vessel testing, explosive potential, flammable liquid mixing, etc.)	Limited infrequent employee exposure. Risk to employee is very unlikely.	Occasional employee exposure. Redundant safeguards. Limited employee risk.	Regular employee exposure for limited durations. Moderate employee risk.	Frequent employee exposure. Energy release could cause serious injury.	Employee exposure is continuous. Inadvertent energy release could cause death.	5
(4) 1	Facility hazards are such that control system failure would have a serious impact on mission capability or serious damage to the facility resulting in a large dollar loss.	Limited value facility. Redundant controls or relatively minor hazards.	Facility of moderate value/ importance. Control system failure could result in minor property damage.	Important facility with at least one or two relatively hazardous operations.	Very important hazardous facility. Control system failure likely to result in major damage.	Very hazardous, critical facility. Control system failure likely to result in a total loss.	5
(2) 1	Facility operating equipment presents a hazard due to potential for chemical burns, electric shock, cutting edges, sharp points, etc.	Small amount of hazardous equipment, presents slight additional hazards.	Some hazardous equipment present creating a minor potential for injury.	Moderate amount of hazardous equipment. Minor injuries probable if operated unsafely.	Significant quantity of hazardous equipment presents a serious injury potential.	Large quantity of hazardous equipment. Severe injury potential.	5
(2) 1	Personal protective equipment (PPE) is essential to protect workers from facility hazards.	PPE is desirable at times, though exposure to hazards is unlikely.	PPE is required on occasion but hazards are limited and and well controlled.	PPE is required at most times for worker protection.	Lack of PPE will probably expose worker to danger.	Lack or failure of PPE would immediately result in danger to worker.	5

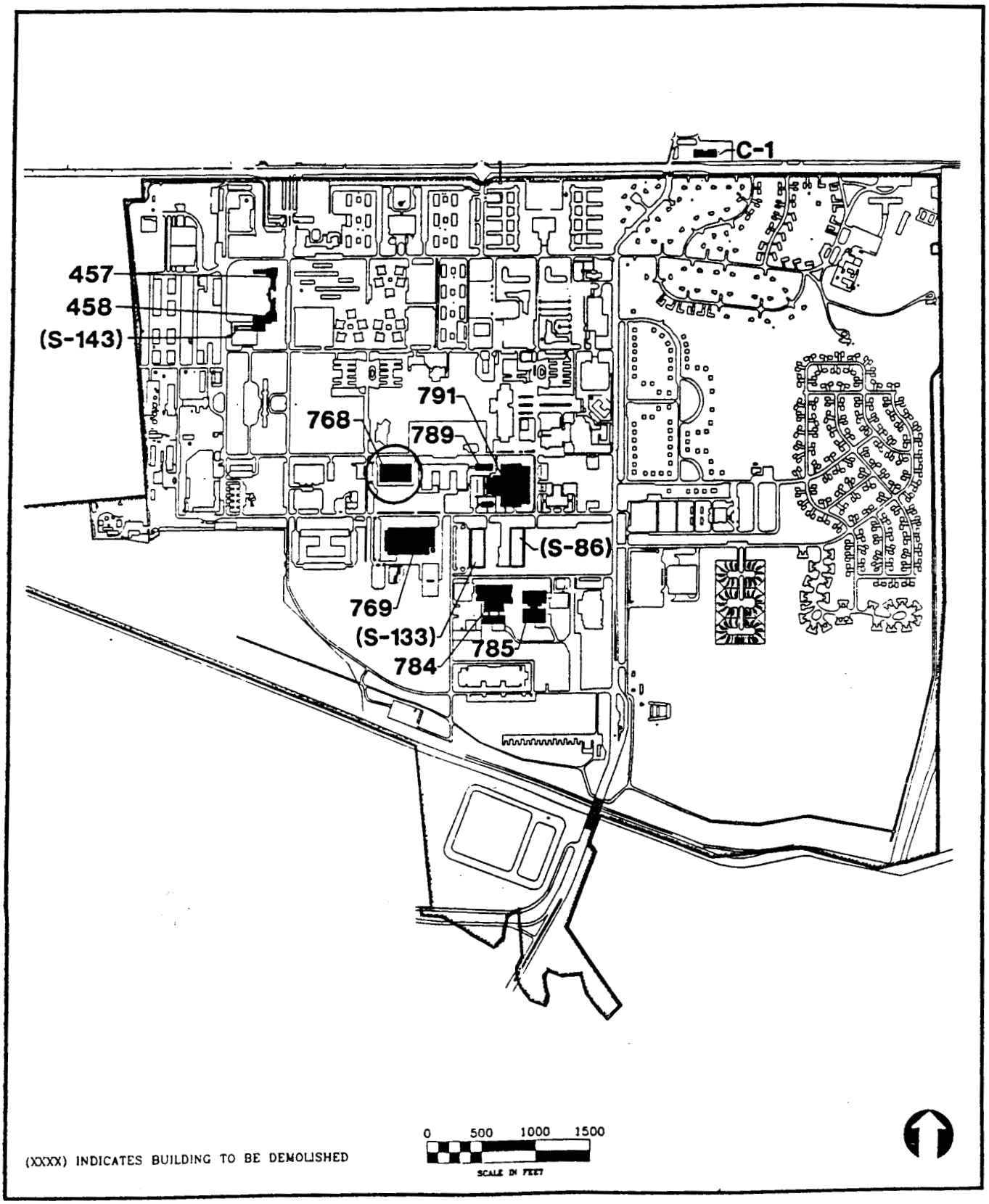
Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(3) 2	Facility is open to the general public. Occupants may include persons handicapped by physical or mental disability, age, illness or security measures not under the occupant control.	Exposure of handicapped occupants to hazard is considered remote.	Exposure of handicapped occupants to hazard is unlikely but possible.	Handicapped occupants may well be exposed to hazards on occasion.	Significant hazards to handicapped occupants.	Hazardous facility. Handicapped occupants are at risk.	10

Multiplier total = 11

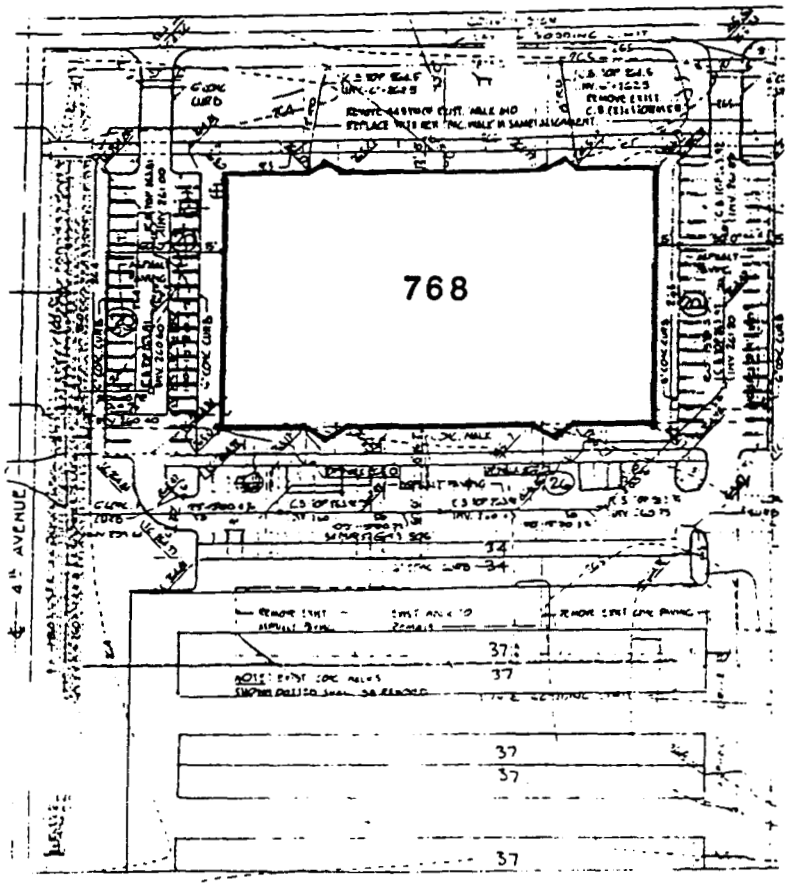
GRAND TOTAL
(Weighted Total Sum) = 55

(Divide Weighted Total Sum) to obtain Numerical RAC Figure = 55/11 = 5.00
(By Multiplier Total Sum)

BUILDING 768 SITE PLAN
NAS MEMPHIS (SOUTH SIDE)



SITE PLAN
BUILDING 768



10 50
0 20 100
1" = 80'

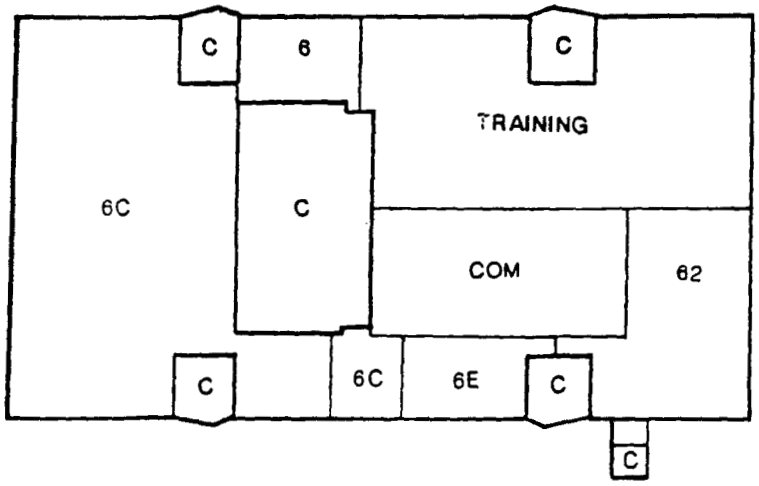
EXISTING CONDITIONS

- Parking for 339 vehicles
- Utilities
  - 6" fire protection line
  - 4" domestic water line
  - Steam (6"S, 3"PC)
  - 8" sanitary sewer
  - Pad mounted transformer 1000KVA, 277/480V

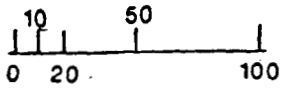
SITE MODIFICATIONS

- Parking lot paint stripping

FIRST FLOOR PLAN
BUILDING 768



C = Core Space
COM = Common Space



1" = 80'

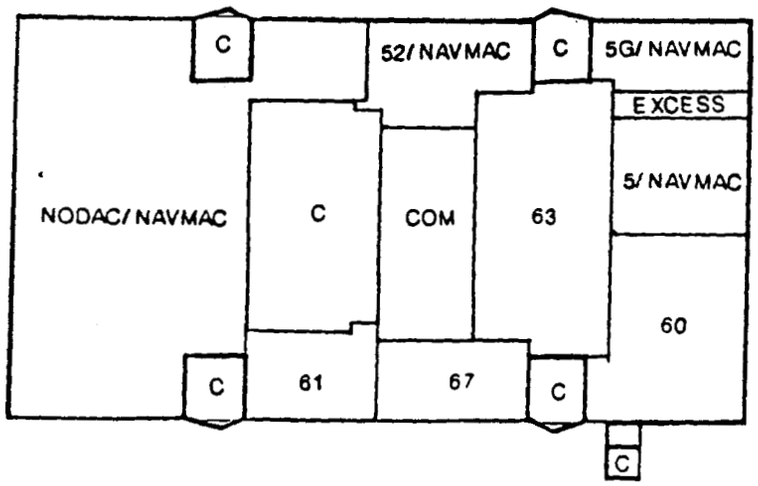
BUILDING EFFICIENCY/ UTILIZATION

Existing Available SF	
Gross Square Footage	139,460
Usable Square Footage	116,552
Net Square Footage	83,251
Building Efficiency %	59.70%
Required Net SF	75,918

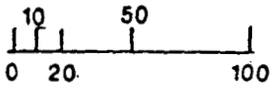
MAJOR MODIFICATION REQUIREMENTS

1. Add elevator and lobby at building exterior
2. Remove ceilings, partitions, lighting, and ductwork
3. Add partitions, lighting, ceilings, and office finishes
4. Modify mechanical, electrical, and plumbing

SECOND FLOOR PLAN
BUILDING 768



C = Core Space
COM = Common Space

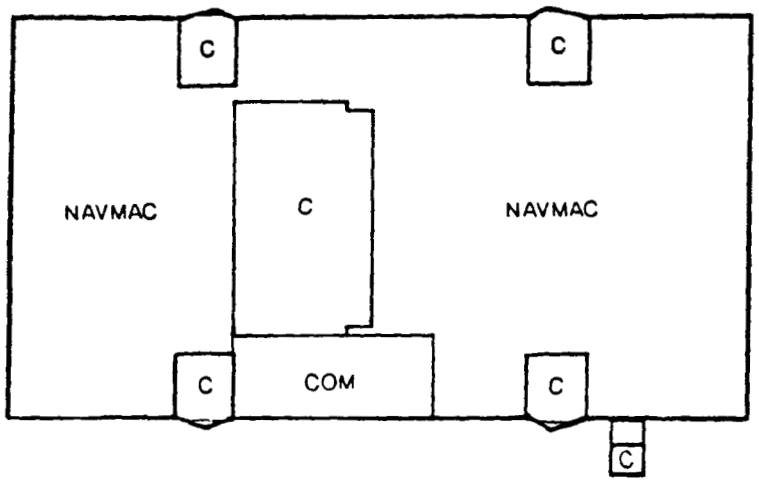


1" = 80'

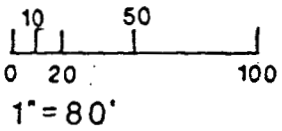
MAJOR MODIFICATION REQUIREMENTS

1. Add elevator and lobby at building exterior
2. Remove ceilings, partitions, lighting, and ductwork
3. Add partitions, lighting, ceilings, and office finishes
4. Modify mechanical, electrical, and plumbing

THIRD FLOOR PLAN
BUILDING 768



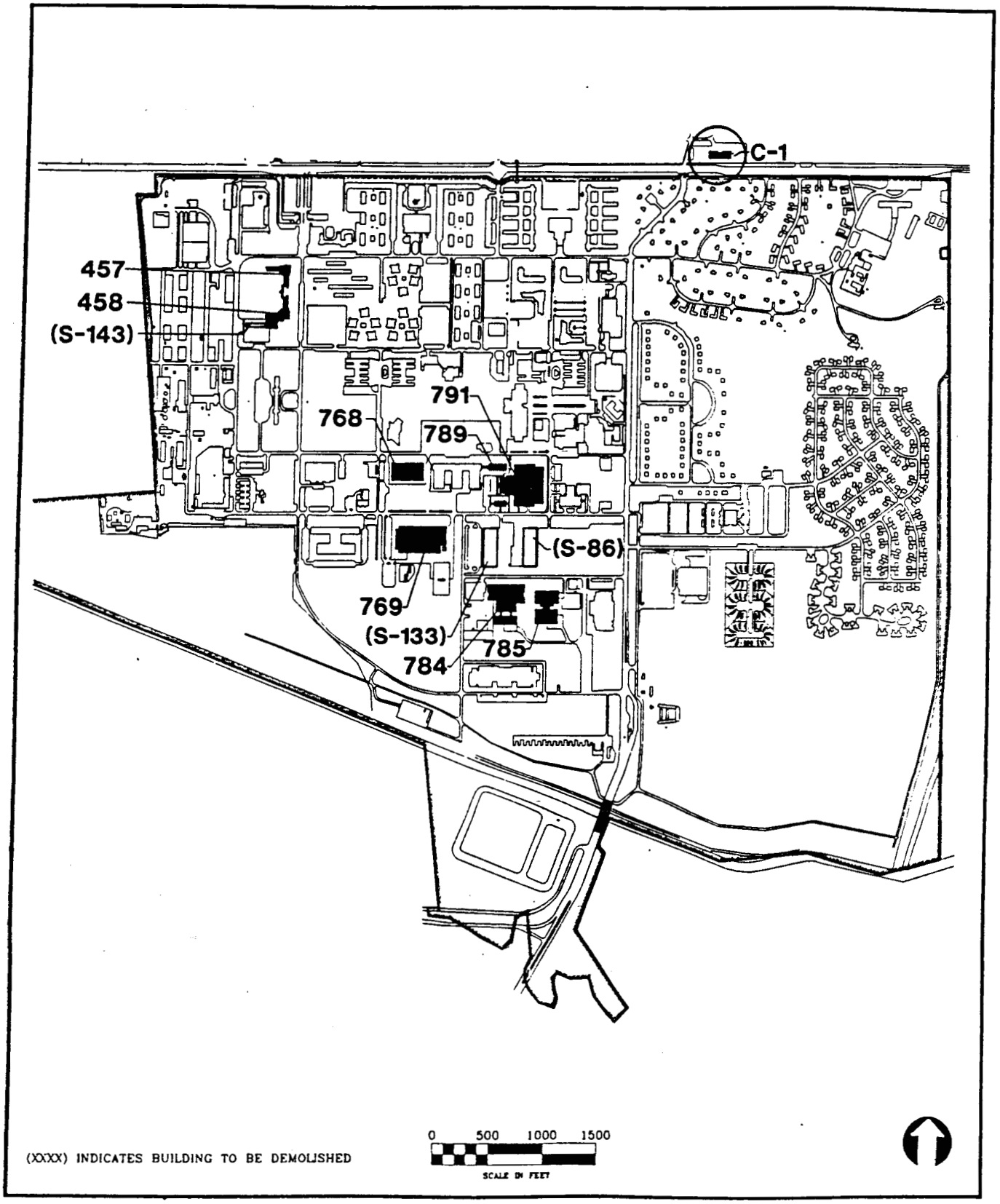
C = Core Space
COM = Common Space



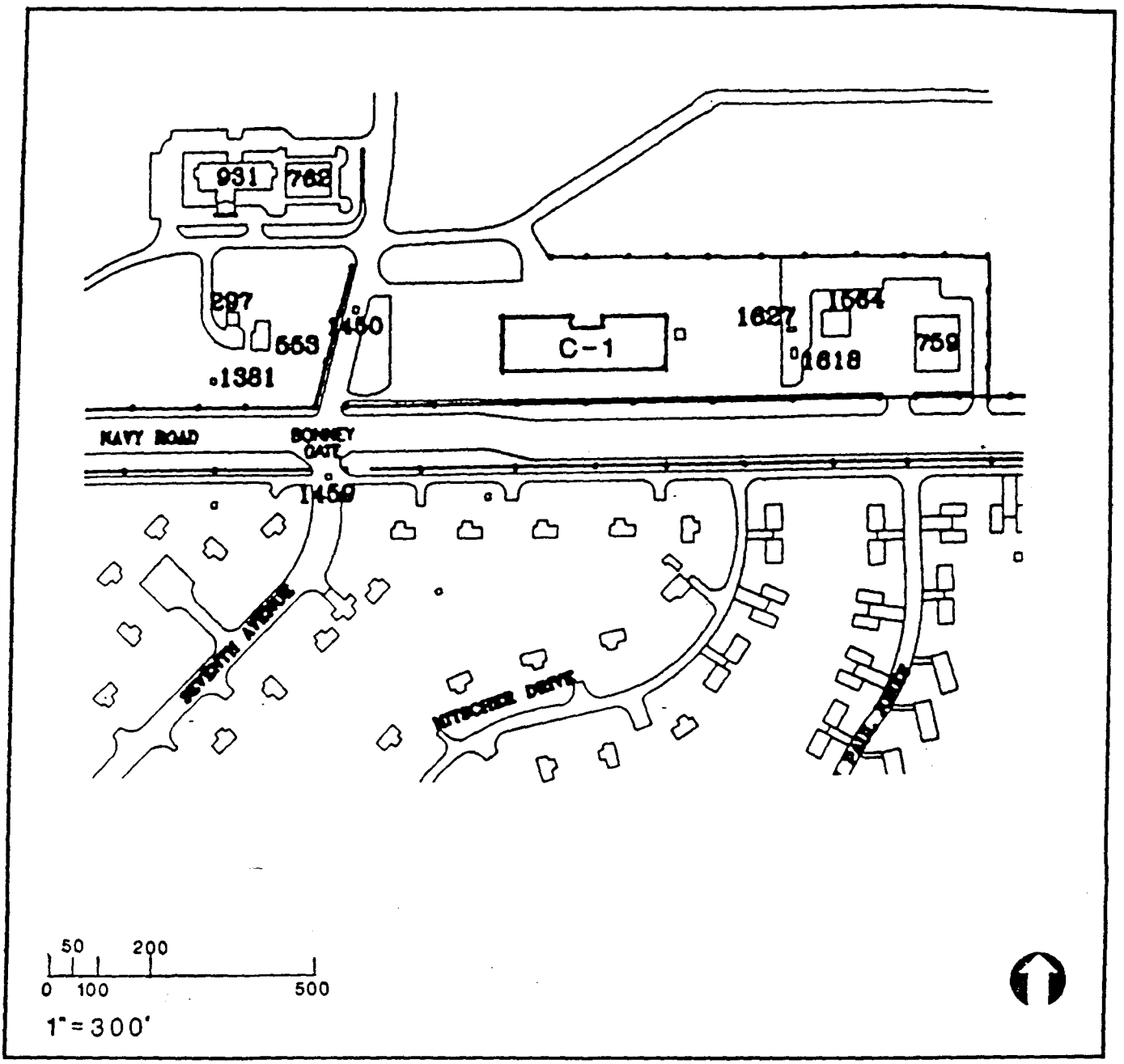
MAJOR MODIFICATION REQUIREMENTS

1. Add elevator and lobby at building exterior
2. Remove ceilings, partitions, lighting, and ductwork
3. Add partitions, lighting, ceilings, and office finishes
4. Modify mechanical, electrical, and plumbing

BUILDING C-1 SITE PLAN
NAS MEMPHIS (SOUTH SIDE)

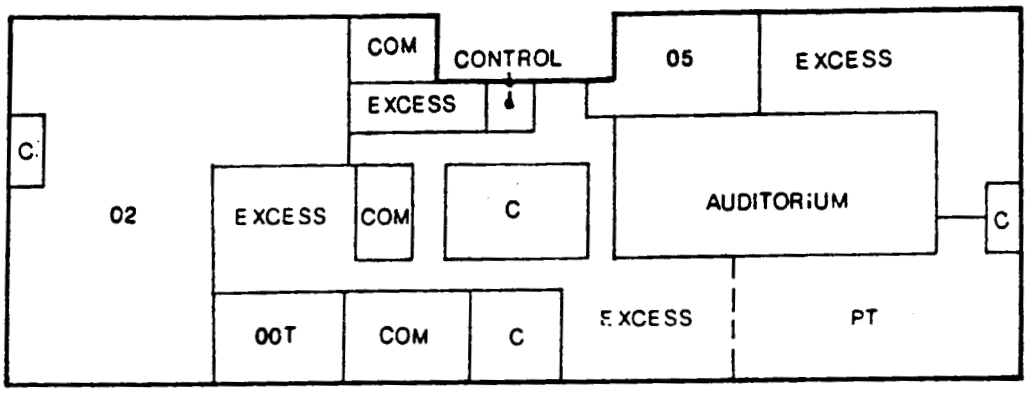


SITE PLAN
BUILDING C-1

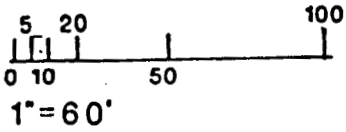


EXISTING CONDITIONS	SITE MODIFICATIONS
* CNNT Headquarters Building	None

FIRST FLOOR PLAN
BUILDING C-1



C = Core Space
COM = Common Space

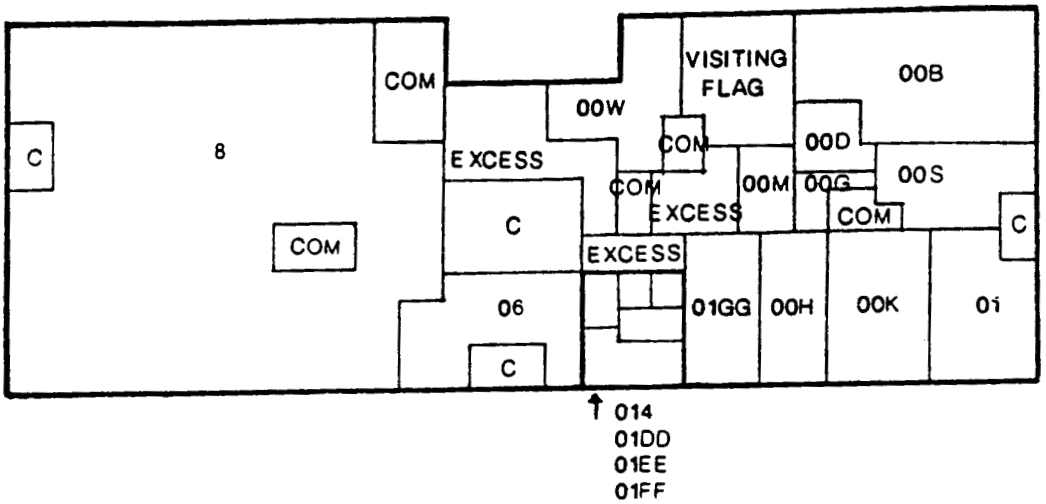


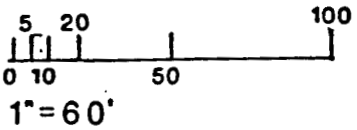
BUILDING EFFICIENCY/ UTILIZATION	
Existing Available SF	
Gross Square Footage	61,900
Usable Square Footage	57,594
Net Square Footage	41,139
Building Efficiency %	66.46%
Required Net SF	35,214

MAJOR MODIFICATION REQUIREMENTS

1. None

SECOND FLOOR PLAN
BUILDING C-1





C = Core Space
COM = Common Space

MAJOR MODIFICATION REQUIREMENTS

1. None

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TN	MOD. TO BLDGS. 784, 785, 791 & SITE WORK

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-326T	23,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MODIFICATIONS TO BUILDING 784	SF	87,690	46	4,030
MODIFICATIONS TO BUILDING 785	SF	83,973	58	4,870
MODIFICATIONS TO BUILDING 791	SF	192,890	51	9,840
BUILDING ELEVATORS (785 & 791)	EA	2	65	130
SUPPORTING FACILITIES	LS			1,720
Special Construction Features	LS	-	-	(220)
Electrical Utilities	LS	-	-	(180)
Paving & Site Improvements	LS	-	-	(1,320)
SUBTOTAL				20,590
Contingency (5%)				1,030
TOTAL CONTRACT COST				21,620
SIOH (6.0%)				1,300
TOTAL REQUEST				22,920
TOTAL REQUEST ROUNDED				23,000

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modify three (3) Training Buildings to serve as office occupancy according to current Navy and DOD criteria. Support facilities include seismic bracing of mechanical, plumbing and electrical systems, asbestos abatement, emergency power, parking lot lighting, parking lot paving, sidewalk paving, and demolition of buildings S-86 and S-133.

Air Conditioning: 1270 tons Seismic Zone: Three (3)

11. REQUIREMENTS: 364,553 SF **Adequate:** 0 SF **Substandard:** 0 SF

PROJECT: Provides office space for Bureau of Naval Personnel.

REQUIREMENT: The requirement is to house the offices of the Bureau of Naval Personnel under the relocation plan of BRAC III.

CURRENT SITUATION: No other facilities are available at NAS Memphis under the BRAC III relocation schedule.

IMPACT IF NOT PROVIDED: Will not comply with the requirements of Federal Law as directed by BRAC III program.

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION MEMPHIS, MILLINGTON, TN	MOD. TO BLDGS. 784, 785, 791 & SITE WORK

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-10	P-326T	23,000

9. COST ESTIMATES

ADDITIONAL:

Economic Alternatives Considered

a. Status Quo:
This is not a viable alternative, as the project support a forced relocation of BUPERS from Washington D.C. to NAS Memphis. There are no other existing facilities in the area which will satisfy the requirement.

b. Leasing:
This is not a viable alternative to meet project requirements.

c. New Construction:
New construction would be more costly and would delay relocation of BUPERS groups.

d. Rehabilitation/Modernization/Alteration/Conversion:
This alternative will alter Training Buildings into office space for BUPERS. This is the recommended alternative.

e. Analysis Results:
Net present value calculations were not performed since new construction would delay relocation of BUPERS organizations.

BUDGET ESTIMATE SUMMARY SHEET

P- 326T FY 97

TITLE:	MODIFICATIONS OF BUILDINGS 784, 785, 791 & SITE	DATE OF ESTIMATE:	19 MAY 94
LOCATION:	NAS MEMPHIS, MILLINGTON TN	DESIGN STATUS:	FACILITY STUDY
PREPARED BY:	HBG MANAGEMENT	DATE ESCALATED TO:	1-Apr-97
A.C.F.:	0.91	ESCALATION FACTOR:	1.091

DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT COST	ESCALATED COST ROUNDED	COST TRANSFER TO 1391
MODIFICATIONS TO BUILDING 784	SF	87,690	46	4,034	**4,030**
MODIFICATIONS TO BUILDING 785	SF	83,973	58	4,870	**4,870**
MODIFICATIONS TO BUILDING 791	SF	192,890	51	9,837	**9,840**
BUILDING ELEVATORS (785 & 791)	EA	2	65	130	**130**
SUPPORTING FACILITIES					**1,720**
Special Construction Facilities					(220)
Seismic Bracing - MPE Systems	LS			45	
Asbestos Abatement	LS			173	
Electrical Utilities					(180)
Area Lighting - Parking	LS			93	
Area Lighting - Pedestrian Walkways	LS			84	
Paving and Site Improvements					(1,320)
Removal of Pavement for Greenspace	SY	19,620	15	294	
Flexible Parking	SY	11,816	16	189	
Overlay Parking	SY	11,876	5	59	
Earthwork	CY	7,650	8	61	
Storm Drainage	LF	880	77	68	
Demolish Hangers	SF	88,922	3.90	347	
Pedestrian Walkway	LS	-	-	290	
Sanitary Line For 785	LS	-	-	9	

TOTAL CONTRACT COST W/O CONTINGENCY		20,590
CONTINGENCY	5%	1,030
TOTAL CONTRACT COST		21,620
SIOH	6%	1,300
TOTAL BUDGET COST		22,920
TOTAL BUDGET COST ROUNDED		23,000

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 784, 785, 791 & SITEWORK	P-326T

1 Project:

Modify three (3) Training Buildings to serve as office occupancy according to current Navy and DOD criteria. The project will provide office space for the Bureau of Naval Personnel being relocated from Washington, D. C. to NAS Memphis under BRAC III. Support facilities include seismic bracing of mechanical, plumbing and electrical systems, asbestos abatement, emergency power, parking lot lighting, parking lot paving, sidewalk paving, and demolition of buildings S-86 and S-133.

2 Proposed Construction:

a. Type of Construction: Permanent

b. Replacement: Not applicable, forced relocation per BRAC III program.

c. Description of work to be done:

Building 784:

(1) Architectural:

Modify existing interior concrete masonry partitions, replace ceilings, add carpet, interior finishes and add drywall partitions.

(2) Structural:

Framing of new opening in existing CMU walls and seismic bracing of new MPE systems are the extent of the structural work.

(3) HVAC:

Upgrading HVAC systems by converting chiller (370 tons) to use alternative refrigerant, adding new VAV air handlers, and related piping, air distribution, insulation and controls to accommodate change in occupancy from a classroom/shop building to an office building. Also providing independent air conditioning systems for LAN closets and PERS 103 ADP room.

(4) Plumbing:

The plumbing modifications will include a new women's restroom area, providing handicapped accessible fixtures and miscellaneous fixtures where required.

(5) Fire Protection:

The fire protection modifications will include revising sprinkler head locations to accommodate new partition and ceiling layouts, a new FM-200 extinguishing agent system in the computer room and modification of the existing system in the computer room to a pre-action system.

(6) Electrical:

New lighting, power and communications for PERS-10 and PERS-09 office environment. ADP room power for PERS-103 including UPS system and emergency generator system. Modification and upgrade to existing fire alarm system.

Building 785:

(1) Architectural:

Modify existing interior concrete masonry partitions, replace ceilings, add carpet, interior finishes and add drywall partitions and elevator.

(2) Structural:

The new approximate 28,000 SF second floor in the high bay area will be constructed of lightweight concrete on composite steel decking and beams. The resistance to Zone 3 seismic forces will be provided by braced frames and moment resistant frames. The foundation system will be reinforced concrete spread footings.

(3) HVAC:

Upgrading HVAC systems by replacing chiller (300 tons), cooling tower, pumps, air handlers and related piping, ductwork, air distribution, insulation and controls to accommodate change in occupancy from a classroom/shop building to an office building and added second floor level. Also providing independent air conditioning systems for LAN closets and SECNAV ADP room.

(4) Plumbing:

The plumbing modifications will include new men's and women's restrooms on both levels in the high bay area providing handicapped accessible fixtures, and miscellaneous fixtures where required.

(5) Fire Protection:

The fire protection modifications will include adding a new sprinkler system under the new mezzanine, modifying existing system over second floor to accommodate new ceiling and revising sprinkler head locations in main building to accommodate new partition and ceiling layouts.

(6) Electrical:

New lighting, power and communications for SECNAV boards and DISO office equipment. Modification and upgrade to existing fire alarm system.

Building 791:

(1) Architectural:

Modify existing interior concrete masonry partitions, replace ceilings, add carpet, interior finishes and add drywall partitions and elevator.

(2) Structural:

The new 60,000 SF second floor in the high bay area will be constructed of lightweight concrete on composite steel decking and beams. The resistance to Zone 3 seismic forces will be provided by braced frames and moment resistant frames. The foundation system will be auger-cast piling bearing approximately 48 feet below the ground level.

(3) HVAC:

Upgrading HVAC systems by replacing chiller (600 tons), cooling towers, pumps, air handlers and related piping, ductwork, air distribution, insulation and controls to accommodate change in occupancy to office and added second floor level. Also providing independent air conditioning systems for LAN closets, PERS-22 ADP room and PERS 4419 ADP room.

(4) Plumbing:

The plumbing modifications will include new men's and women's restrooms on second floor level, providing handicapped accessible fixtures and installing miscellaneous plumbing fixtures where required.

(5) Fire Protection:

The fire protection modifications will include adding a new sprinkler system under the new mezzanine, modifying existing system over second floor to accommodate new ceiling and revising sprinkler head locations in main building to accommodate new partition and ceiling layouts.

(6) Electrical:

New lighting, power and communications for PERS-2, PERS-4 and PERS-9 office environment. ADP room power for PERS-22 and PERS-4419. New UPS system and emergency power service from Building 789 for PERS-205 and 4G. Lighting and power for PERS-4G BUPERS ACCESS room, PERS-40 SCIF. Upgrade existing electrical service capacity. Modification and upgrade to existing fire alarm system.

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 784, 785, 791 & SITEWORK	P-326T

3 Cost Estimates:

a. Area Cost Factor: 0.91
b. Contingency Factor: 5%
c. Cost Growth Projection Factor: 1.091
d. Estimated Bid Date: 1 Apr 97
e. Midpoint of Construction: 1 Oct 97

4 Project Justification:

a. The project modifies three (3) one-story training buildings and site to provide office space and parking for Bureau of Naval Personnel (BUPERS) which will be relocated from Washington, D.C. to NAS Memphis under BRAC III.

b. The requirement is to modify three existing training buildings to provide other space and parking for Bureau of Naval Personnel.

c. The Current Situation is that office space is not available at NAS Memphis.

d. The impact if not provided is that the BRAC III program at NAS Memphis cannot be implemented.

5 Collateral Equipment:

a. Built-in equipment will include heating, ventilating and air conditioning systems, telephone and data communication conduit, built-in cabinets and shelving. fire prevention equipment.
b. Personal Property and Initial Outfitting: BUPERS is currently performing an analysis of collateral equipment which may be made available for reuse from BRAC activities.
c. Supporting Facilities include cast in place piling, seismic bracing of mechanical plumbing and electrical systems and asbestos abatement.

6 Common Support Spaces

Not applicable.

7 Effect On Other Resources:

(a) The project will not increase Operation and Maintenance (OPMN) funds for utility services and operations since the base is changing from a Naval Air Station training facility to a Naval Support Activity of basically an administrative nature under BRAC III.

(b) The utility requirements for the project are estimated to be:

Building 784:
(1) Electricity: Consumption and peak demand to be analyzed.
(2) Water consumption: 1,817,900 gal/yr
(3) Sewage generation: 1,647,500 gal/yr

Building 785:
(1) Electricity: Consumption and peak demand to be analyzed.
(2) Water consumption: 1,198,100 gal/yr
(3) Sewage generation: 1,085,800 gal/yr

Building 791:
(1) Electricity: Consumption and peak demand to be analyzed.
(2) Water consumption: 3,931,200 gal/yr
(3) Sewage generation: 3,562,700 gal/yr

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 784, 785, 791 & SITEWORK	P-326T

8 Project Site
The location of the project is shown on the attached Building784 Site Plan, NAS Memphis (South Side) Exhibit 1 Building 785 Site Plan, NAS Memphis (South Side) Exhibit 4 and Building 791 Site Plan, NAS Memphis (South Side) Exhibit 8.

9 Demolition
Buildings S-86 and S-133 will be demolished under this project.

10 Economic Analysis:
An economic analysis has not been prepared since there is no feasible alternative to satisfy the requirement.

11 Environmental Impact
An Environmental Assessment will be performed for this project under separate contract.

12 Maintenance Facilities
Not applicable.

13 Morale, Welfare and Recreation Facilities
Not applicable.

14 Storage Facilities
Not applicable.

15 Hazards Assessment and Analysis
Risk Assessment is provided in Attachment A. The Risk Assessment Code assigned is 5-Negligible. A preliminary hazard analysis is not required.

16 Defense Access Roads
Not applicable.

17 Nuclear Survivability
Not applicable.

18 Industrial Facilities
Not applicable.

19 Telephones
Administrative telephone service for these facilities will be provided by the basic main telephone switching system. The telephone will be connected to the telephone switch by metallic and fiber optic cables in a manhole and duct system.

20 Intrusion Detect System
Not applicable.

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 784, 785, 791 & SITEWORK	P-326T

21 Hyperbarics
Not applicable.

22 Uninterruptable Power System (UPS)
Not applicable.

23 Tempest Shielding
Not applicable.

24 Physical Security
This project has been reviewed in the context of installation of physical security plan and security features are not needed.

25 Preservation of Historical Sites And Structures
Not applicable.

26 Design For Accessibility of Physically Handicapped Personnel
Provisions for handicapped persons will be incorporated into these facilities.

27 Floodplain Management & Wetlands Protection
The proposed buildings are not located within a designated floodplain. Wetlands are not impacted.

28 Intergovernmental Coordination
Not applicable.

29 Planning in the National Capital Region
Not applicable.

30 NATO Infrastructure Program
Not applicable.

31 Endangered Species and Other Natural Resource Considerations
Current uses of the sites are for training buildings and therefore it is anticipated that no negative impact to threatened or endangered species will be encountered.

1. COMPONENT	FY 19 97 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		19 May 94

3. INSTALLATION AND LOCATION

NAVAL AIR STATION MEMPHIS, MILLINGTON, TN

4. PROJECT TITLE	5. PROJECT NUMBER
MODIFICATIONS TO BUILDINGS 784, 785, 791 & SITEWORK	P-326T

32 Graphic Materials

Attachment A: Risk Assessment Code

Sketch exhibits are attached that depict the Site Plan NAS Memphis (South Side), building floor plans, typical unit plans and facility configuration, as follows:

Exhibit 1	Building 784 Site Plan, NAS Memphis (South Side)
Exhibit 2	Site Plan, Building 784
Exhibit 3	First Floor Plan, Building 784
Exhibit 4	Site Plan, Building 785, NAS Memphis (South Side)
Exhibit 5	Site Plan, Building 785
Exhibit 6	First Floor Plan, Building 785
Exhibit 7	Second Floor Plan, Building 785
Exhibit 8	Site Plan, Building 791, NAS Memphis (South Side)
Exhibit 9	Site Plan, Building 791
Exhibit 10	First Floor Plan, Building 791
Exhibit 11	Second Floor Plan, Building 791
Exhibit 12	Vicinity Site Plan, Existing Site Conditions
Exhibit 13	Vicinity Site Plan, Sitework Modifications

RISK ASSESSMENT CODE CALCULATION TABLE

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(2) 1	Operating environment is hazardous due to toxic substances, radiation, flammables, dusts, etc.	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(2) 1	Processes involve hazardous components (i.e. fuels toxics, acids, electrical components.)	Hazards very unlikely but possible.	Hazards not likely but could reasonably be expected at some point.	Occasional hazards.	Frequent hazards.	Continuous hazards.	5
(1) 1	Operating, maintenance, test or emergency procedures may be inadequate due to such factors as high noise levels, building security, isolated building location, etc.	Procedural problems are very unlikely.	Problems unlikely but possible.	Problems likely to occur on occasion.	Significant problems may be anticipated.	Serious problems	5
(2) 1	Engineering Controls (safety interlocks, adequate ventilation, protective guards/ shields, etc) are essential to provide adequate safety.	Engr. control failure would not create a significant additional hazard.	Engr. control failure would increase hazard to worker slightly.	Engr. control failure would cause concern but processes are only moderately hazardous.	Engr. control failure would create serious concern.	Failure of engr. controls would create a dangerous situation.	5
(1) 1	Operational and safety training is important for work protection.	Training is desirable even though accident potential is low.	Without training, accident potential is moderate.	Without training, accidents may occur once or twice a year.	Without training, accidents probably will occur several times each year.	Without training, accidents are likely to occur frequently.	5

Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(4) 1	The facility uses or could produce hazards well above those which the human body could tolerate and persons are required to work in or enter these high energy areas during operations (i.e. pressure vessel testing, explosive potential, flammable liquid mixing, etc.)	Limited infrequent employee exposure. Risk to employee is very unlikely.	Occasional employee exposure. Redundant safeguards. Limited employee risk.	Regular employee exposure for limited durations. Moderate employee risk.	Frequent employee exposure. Energy release could cause serious injury.	Employee exposure is continuous. Inadvertent energy release could cause death.	5
(4) 1	Facility hazards are such that control system failure would have a serious impact on mission capability or serious damage to the facility resulting in a large dollar loss.	Limited value facility. Redundant controls or relatively minor hazards.	Facility of moderate value/ importance. Control system failure could result in minor property damage.	Important facility with at least one or two relatively hazardous operations.	Very important hazardous facility. Control system failure likely to result in major damage.	Very hazardous, critical facility. Control system failure likely to result in a total loss.	5
(2) 1	Facility operating equipment presents a hazard due to potential for chemical burns, electric shock, cutting edges, sharp points, etc.	Small amount of hazardous equipment, presents slight additional hazards.	Some hazardous equipment present creating a minor potential for injury.	Moderate amount of hazardous equipment. Minor injuries probable if operated unsafely.	Significant quantity of hazardous equipment presents a serious injury potential.	Large quantity of hazardous equipment. Severe injury potential.	5
(2) 1	Personal protective equipment (PPE) is essential to protect workers from facility hazards.	PPE is desirable at times, though exposure to hazards is unlikely.	PPE is required on occasion but hazards are limited and and well controlled.	PPE is required at most times for worker protection.	Lack of PPE will probably expose worker to danger.	Lack or failure of PPE would immediately result in danger to worker.	5

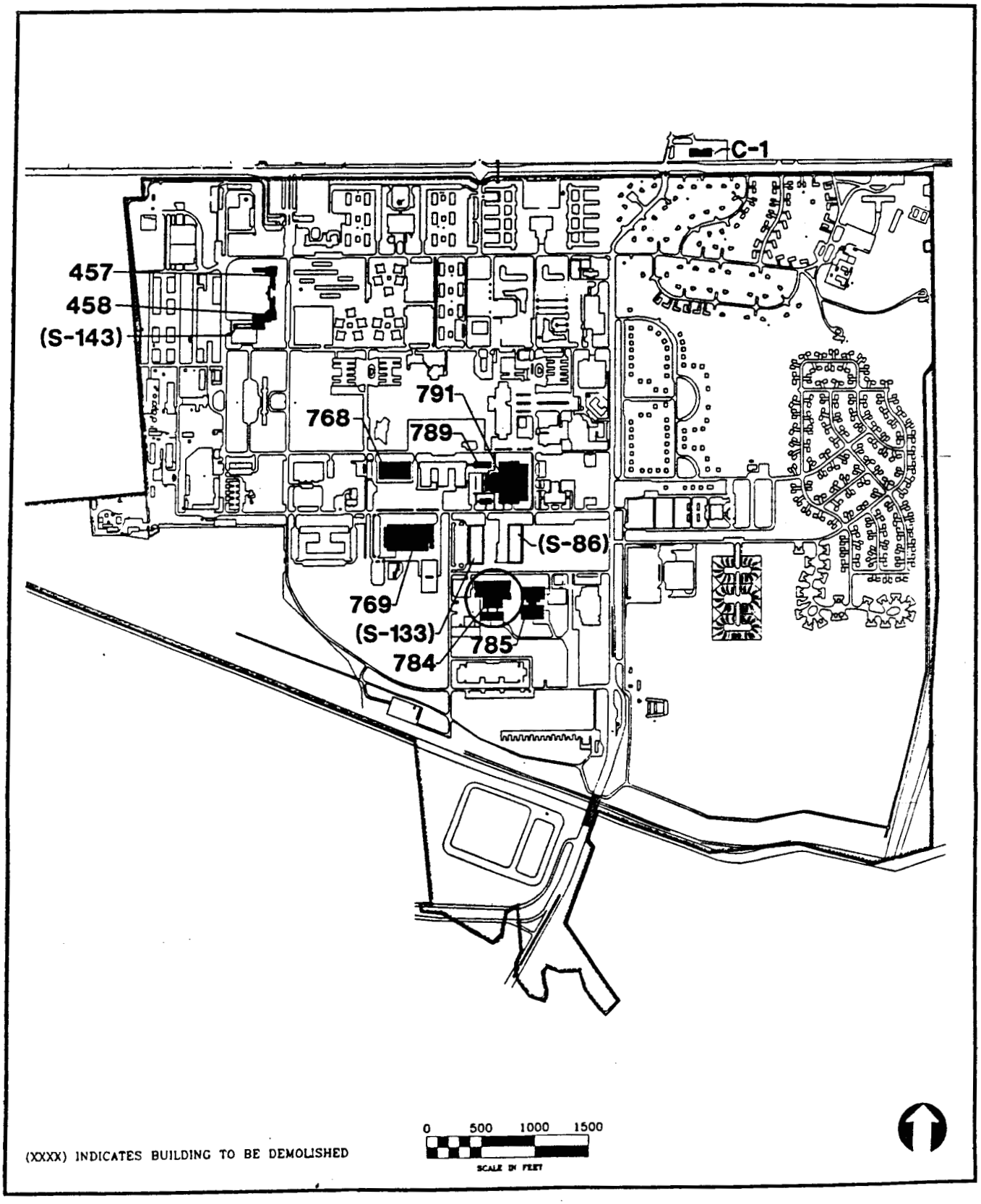
Assigned Importance Multiplier ()=Suggested or Typical	Hazard Factor	5 Negligible (or Statement Does Not Apply	4 Minor	3 Moderate	2 Serious	1 Critical	Weighted Total (multiplier x points
(3) 2	Facility is open to the general public. Occupants may include persons handicapped by physical or mental disability, age, illness or security measures not under the occupant control.	Exposure of handicapped occupants to hazard is considered remote.	Exposure of handicapped occupants to hazard is unlikely but possible.	Handicapped occupants may well be exposed to hazards on occasion.	Significant hazards to handicapped occupants.	Hazardous facility. Handicapped occupants are at risk.	10

Multiplier total = 11

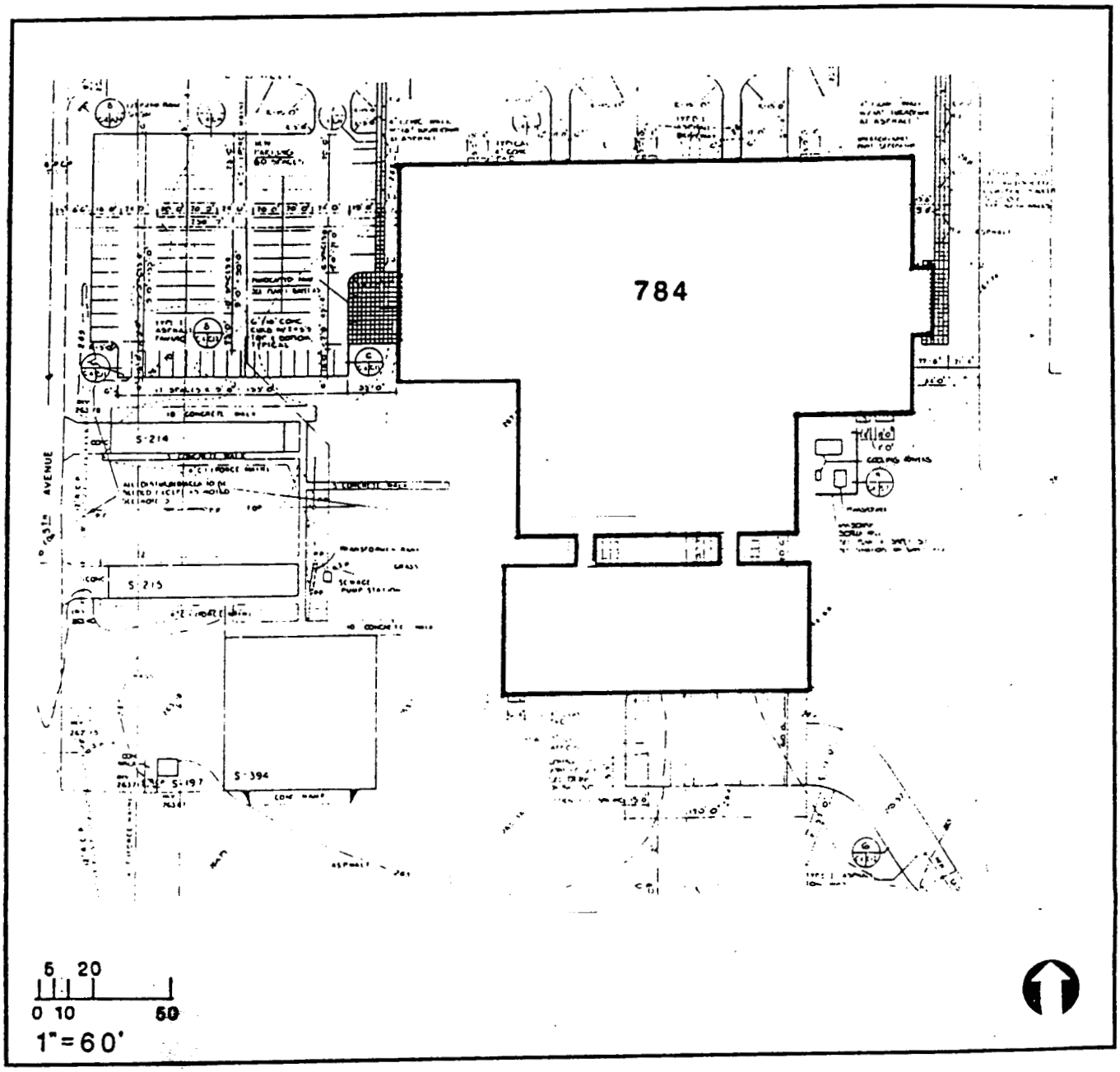
GRAND TOTAL
(Weighted Total Sum) = 55

(Divide Weighted Total Sum) to obtain Numerical RAC Figure = 55/11 = 5.00
(By Multiplier Total Sum)

BUILDING 784 SITE PLAN
NAS MEMPHIS (SOUTH SIDE)



SITE PLAN
BUILDING 784



EXISTING CONDITIONS

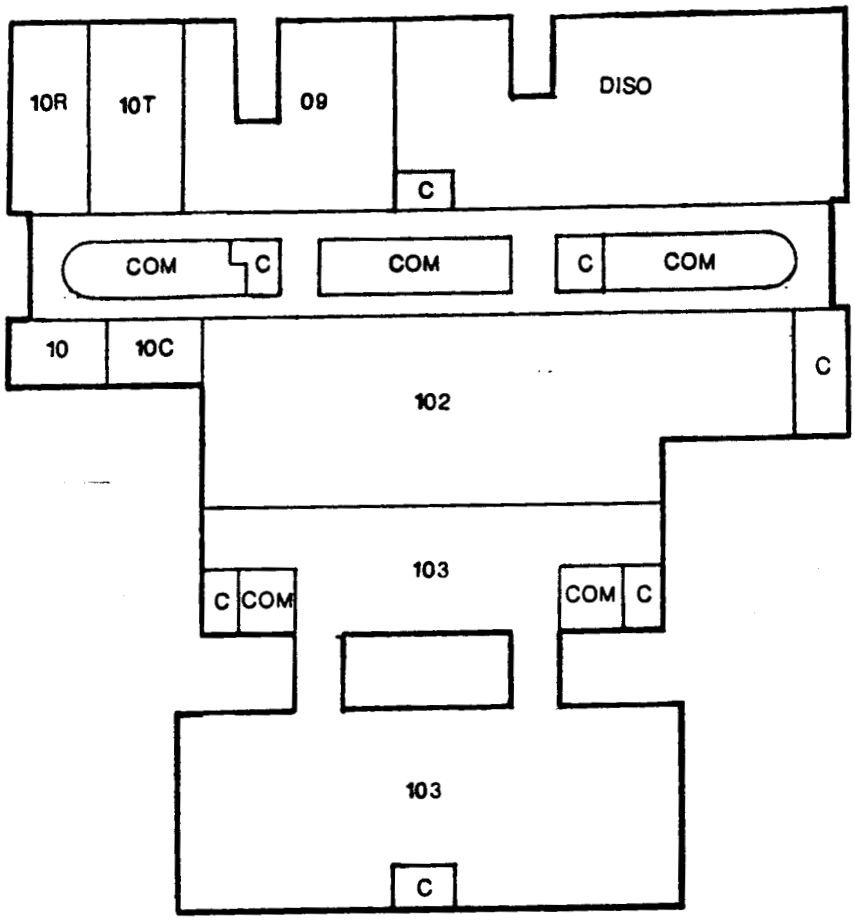
- Parking for 80 vehicles
- Utilities
  - Fire protection main
  - 4" domestic water
  - Steam (3"S, 2 1/2"PR)
  - 8" sanitary sewer
  - Pad mounted transformer 500KVA, 277/480V)

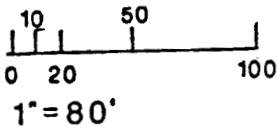
SITE MODIFICATIONS

- Parking lot added to north of building across C Street

  Refer to Vicinity Site Plan, Sitework Modifications

FIRST FLOOR PLAN
BUILDING 784





C = Core Space
COM = Common Space

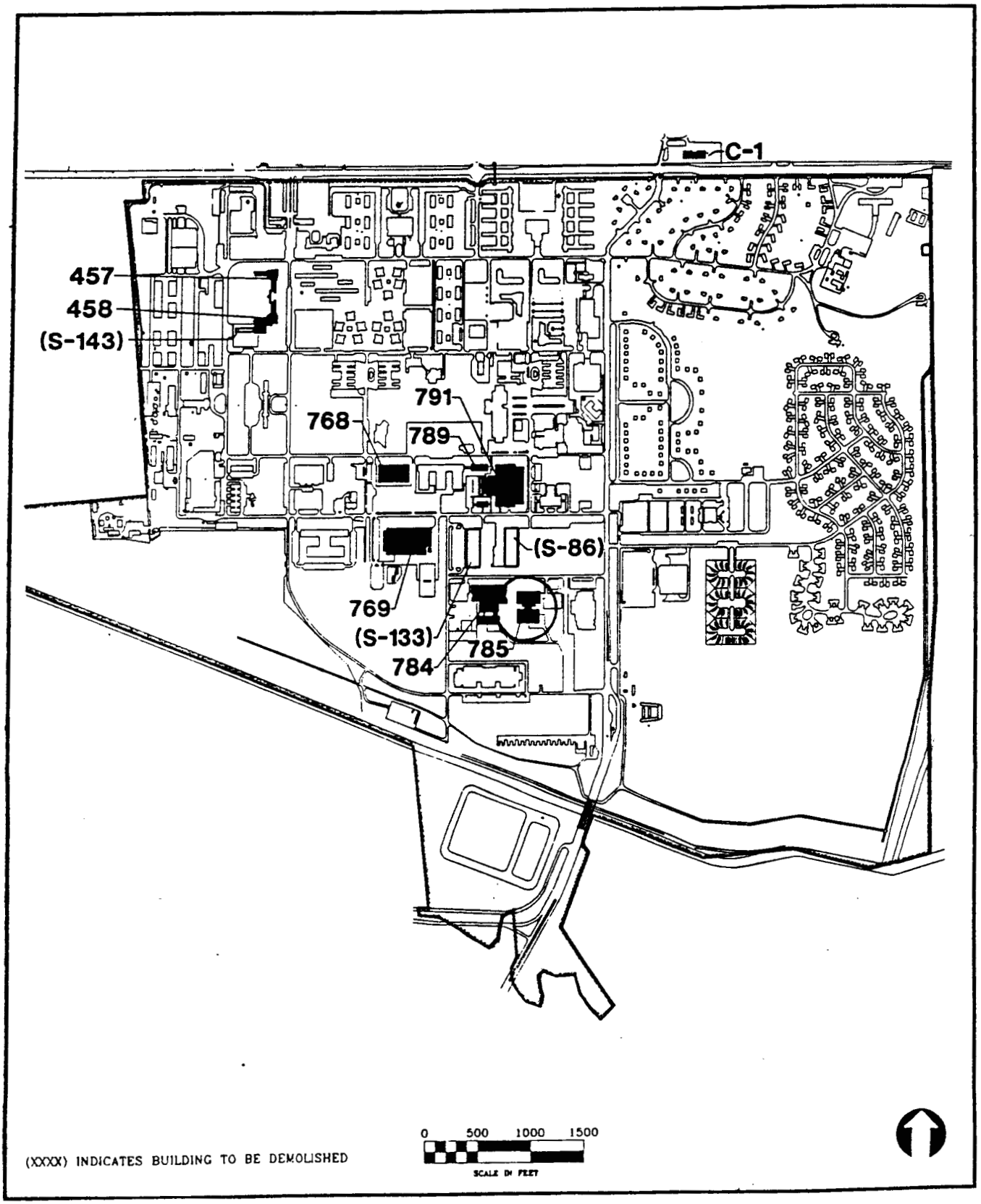
BUILDING EFFICIENCY/ UTILIZATION

Existing Available SF	
Gross Square Footage	87,690
Usable Square Footage	81,112
Net Square Footage	57,394
Building Efficiency %	66.07%
Required Net SF	53,385

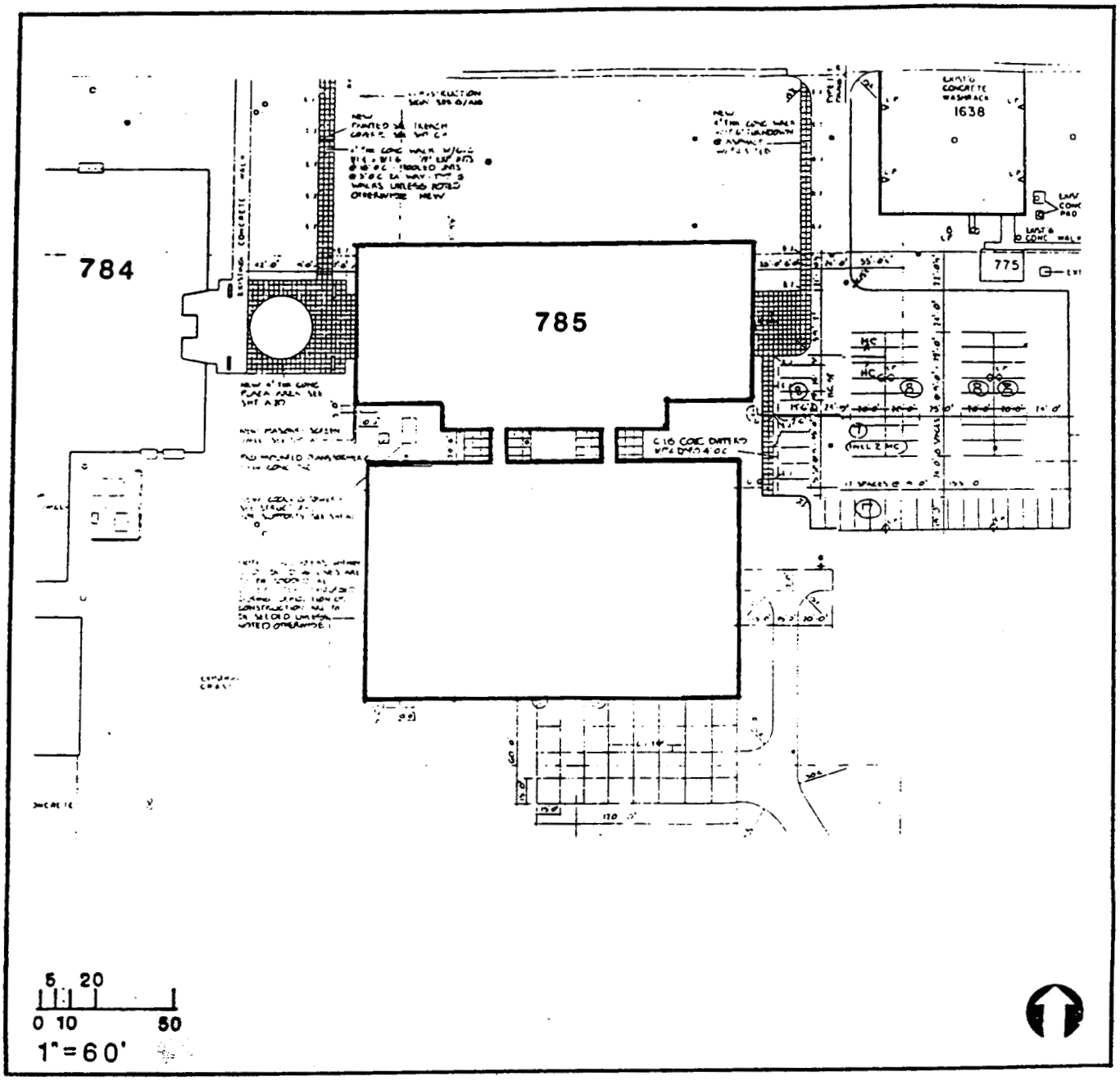
MAJOR MODIFICATION REQUIREMENTS

1. Add partitions in high structural bay
2. Modify ductwork, lighting, and ceilings
3. Add lighting, ductwork, ceilings, and toilets in high bay area
4. Modify mechanical, electrical, and plumbing
5. Add office finishes

BUILDING 785 SITE PLAN
NAS MEMPHIS (SOUTH SIDE)



SITE PLAN
BUILDING 785



EXISTING CONDITIONS

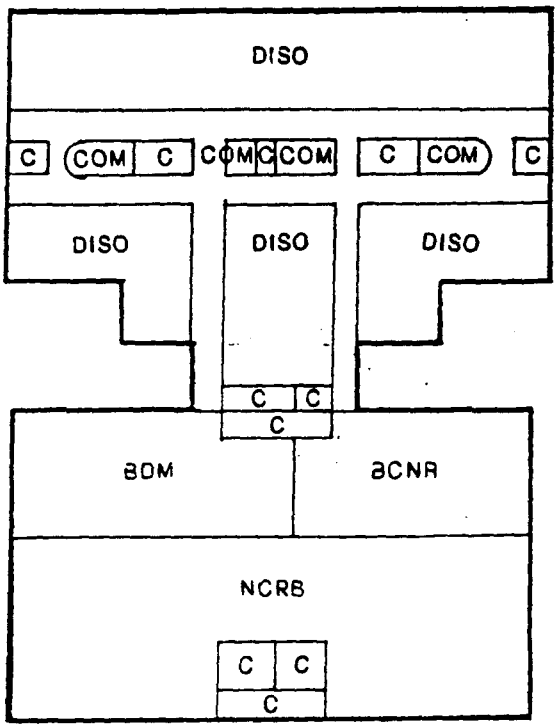
- Parking for 56 vehicles
- Utilities

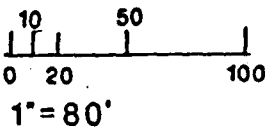
SITE MODIFICATIONS

- Parking spaces will be added north of building across C street

  Refer to Vicinity Site Plan, Sitework Modifications

FIRST FLOOR PLAN
BUILDING 785





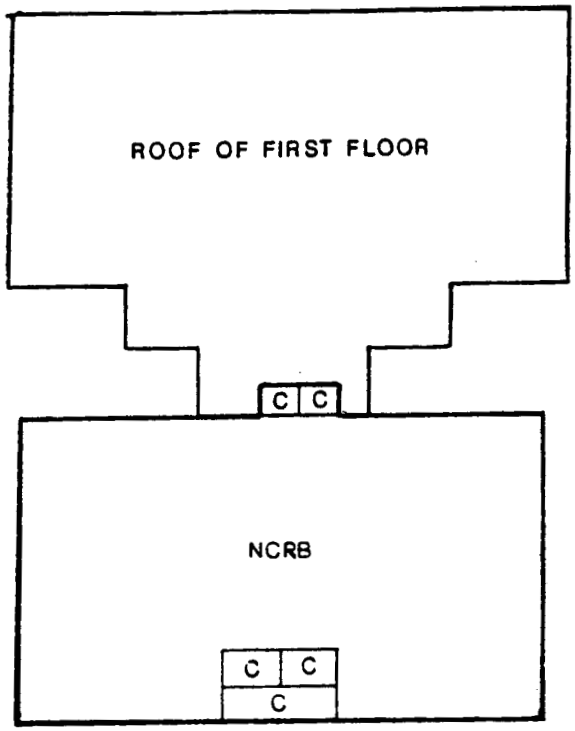
C = Core Space
COM = Common Space

BUILDING EFFICIENCY/ UTILIZATION	
Existing Available SF	
Gross Square Footage	55,825
Usable Square Footage	51,127
Net Square Footage	54,834
Building Efficiency %	65.42%
Required Net SF	54,259

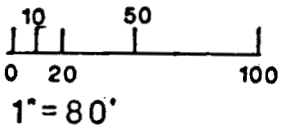
MAJOR MODIFICATION REQUIREMENTS

1. Modify HVAC and electrical systems
2. Add second floor in high bay area
3. Add elevator and emergency stairs
4. Add toilets
5. Add office finishes

SECOND FLOOR PLAN
BUILDING 785



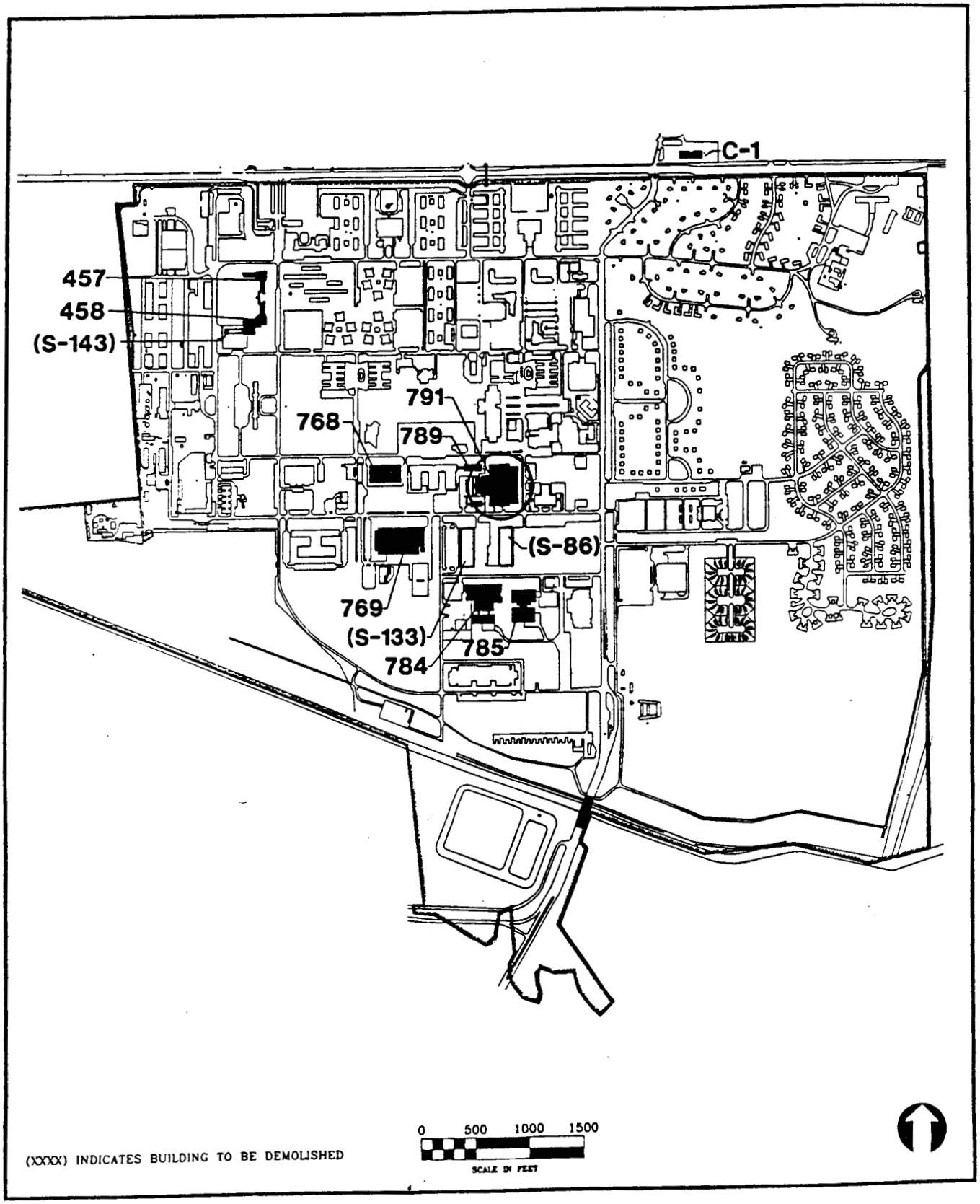
C = Core Space
COM = Common Space



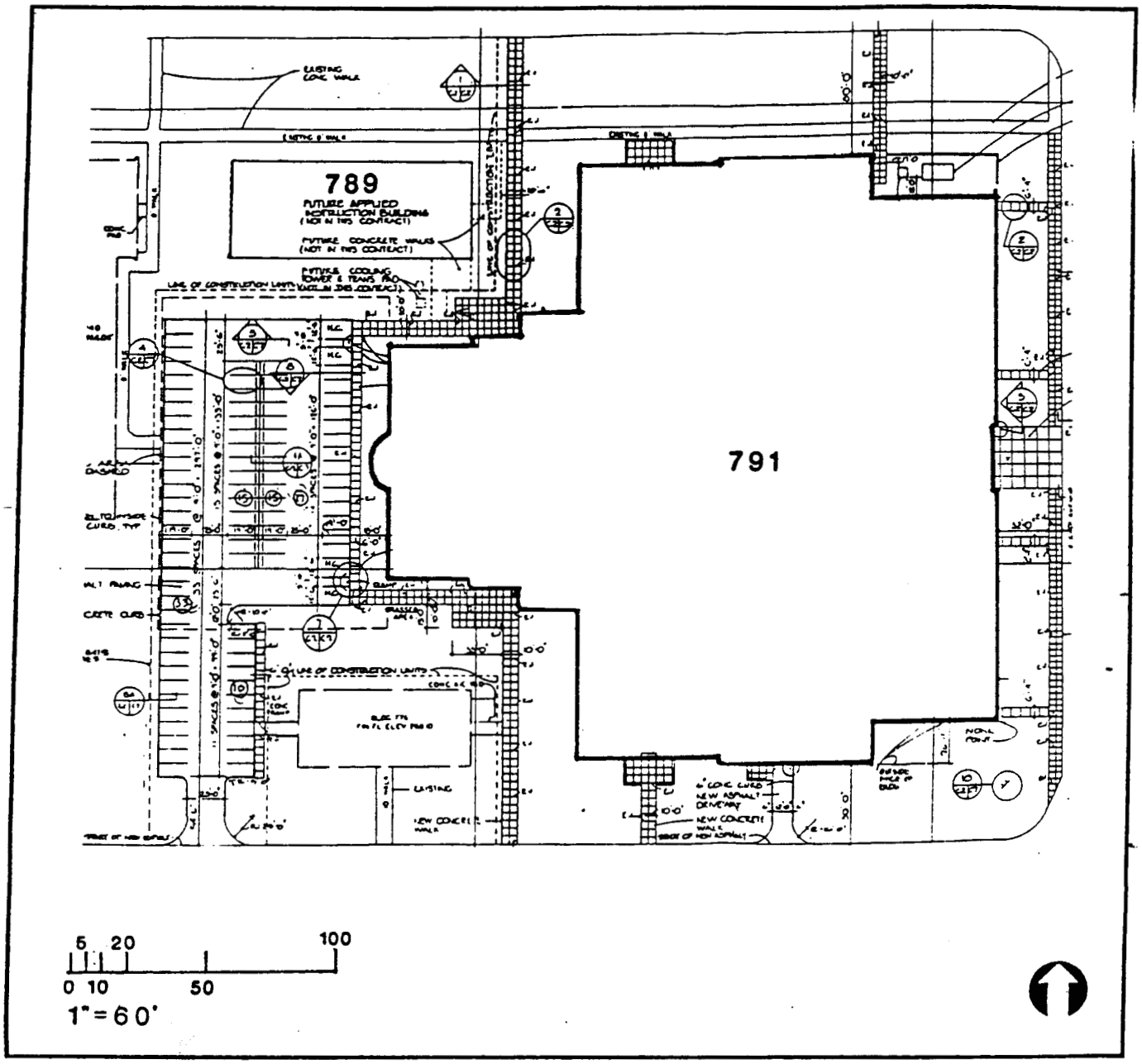
MAJOR MODIFICATION REQUIREMENTS

1. Modify HVAC and electrical systems
2. Add second floor in high bay area
3. Add elevator and emergency stairs
4. Add toilets
5. Add office finishes

BUILDING 791 SITE PLAN
NAS MEMPHIS (SOUTH SIDE)



SITE PLAN
BUILDING 791



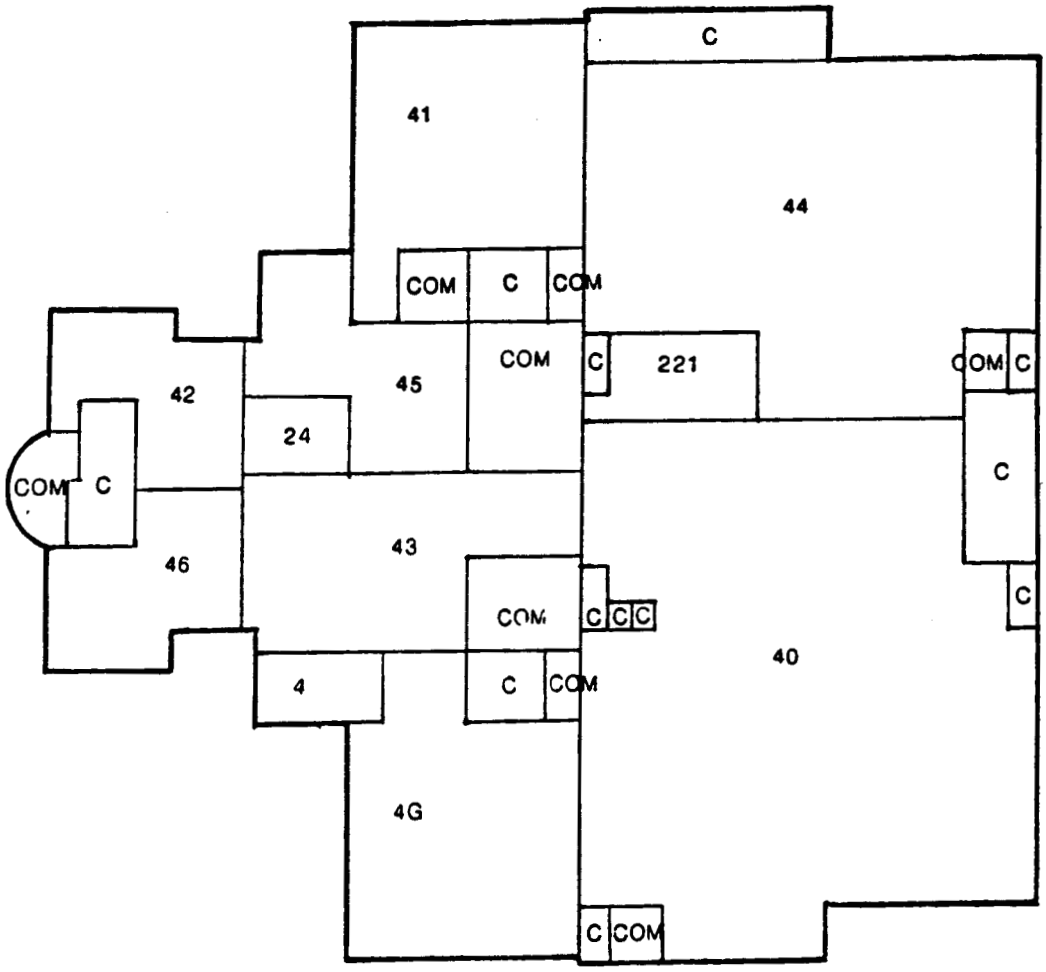
EXISTING CONDITIONS

- Utilities
  - 8" fire protection main
  - 4" domestic water line
  - Steam (4"S, 1 1/2PC)
  - 8" sanitary sewer
  - Pad mounted transformer 1500KVA, 277/480V

SITE MODIFICATIONS

- Parking will be provided in the new parking lot located south of Building 791 across D Street. Refer to Vicinity Site Plan, Sitework Modifications.

FIRST FLOOR PLAN
BUILDING 791



10 50
0 20 100
1" = 80'

C = Core Space
COM = Common Space

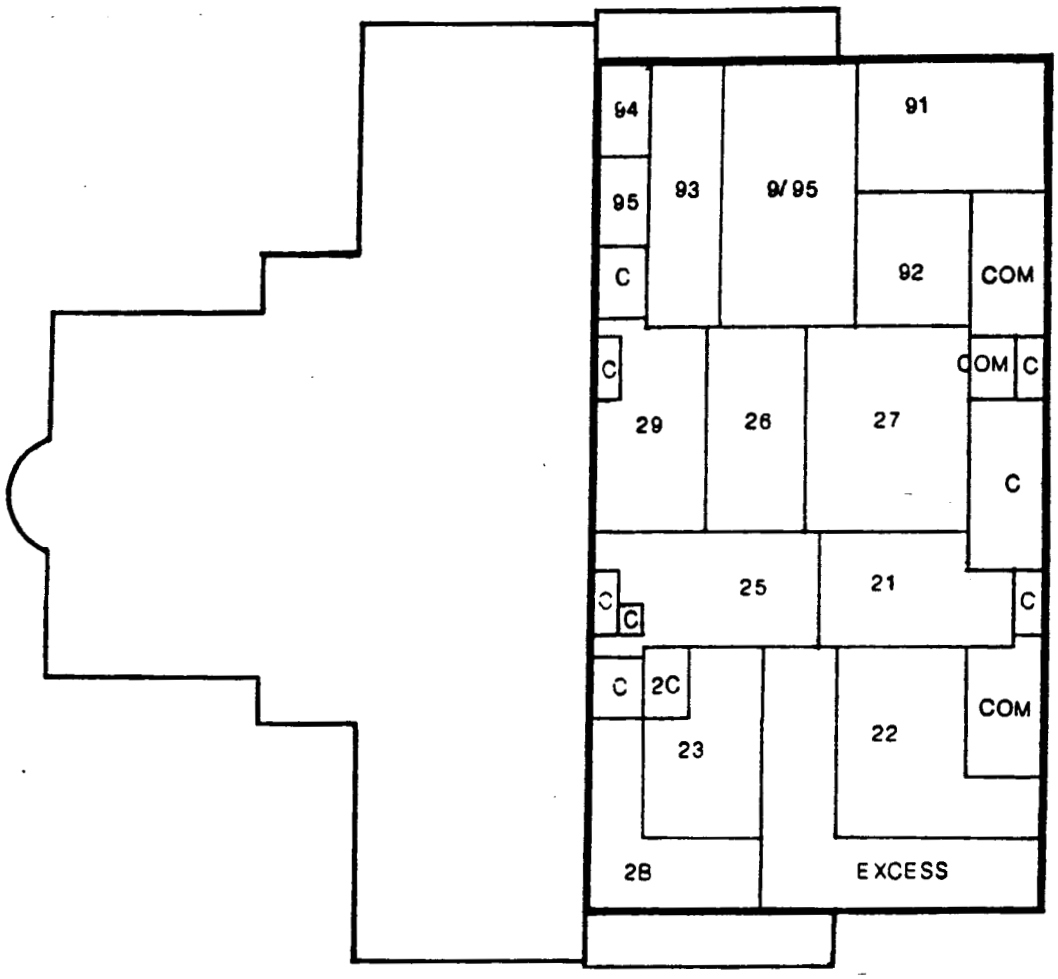
BUILDING EFFICIENCY/ UTILIZATION

Existing Available SF	
Gross Square Footage	194,890
Usable Square Footage	177,166
Net Square Footage	121,367
Building Efficiency %	64.93%
Required Net SF	118,692

MAJOR MODIFICATION REQUIREMENTS

1. Add second floor in high structural bay
2. Add elevator, toilets, and stairs on second floor level
3. Add lighting, ductwork, and ceilings in high bay area
4. Modify mechanical, electrical, and plumbing
5. Add office finishes

SECOND FLOOR PLAN
BUILDING 791



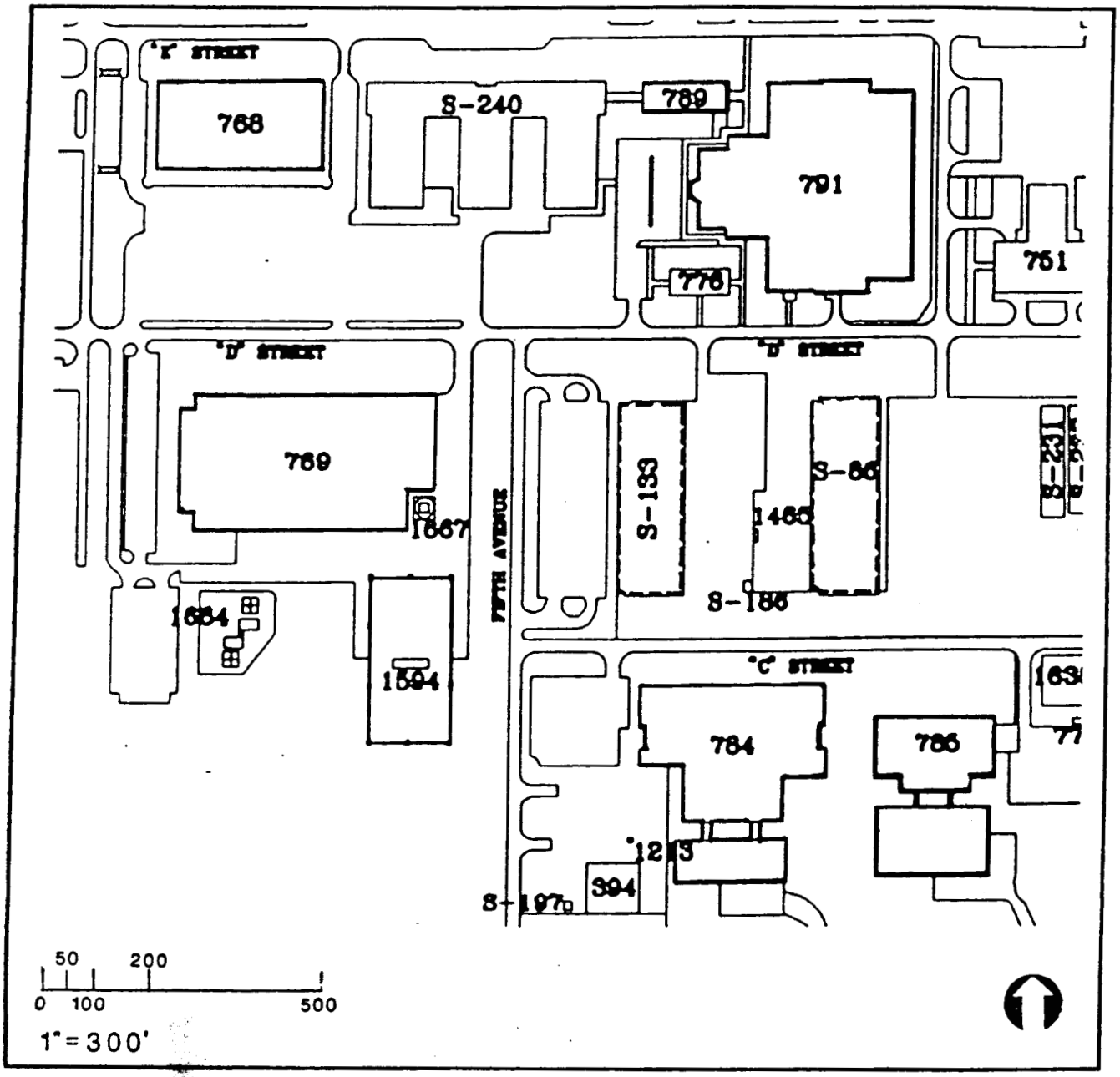
C = Core Space
COM = Common Space

10 50
0 20 100
1" = 80'

MAJOR MODIFICATION REQUIREMENTS

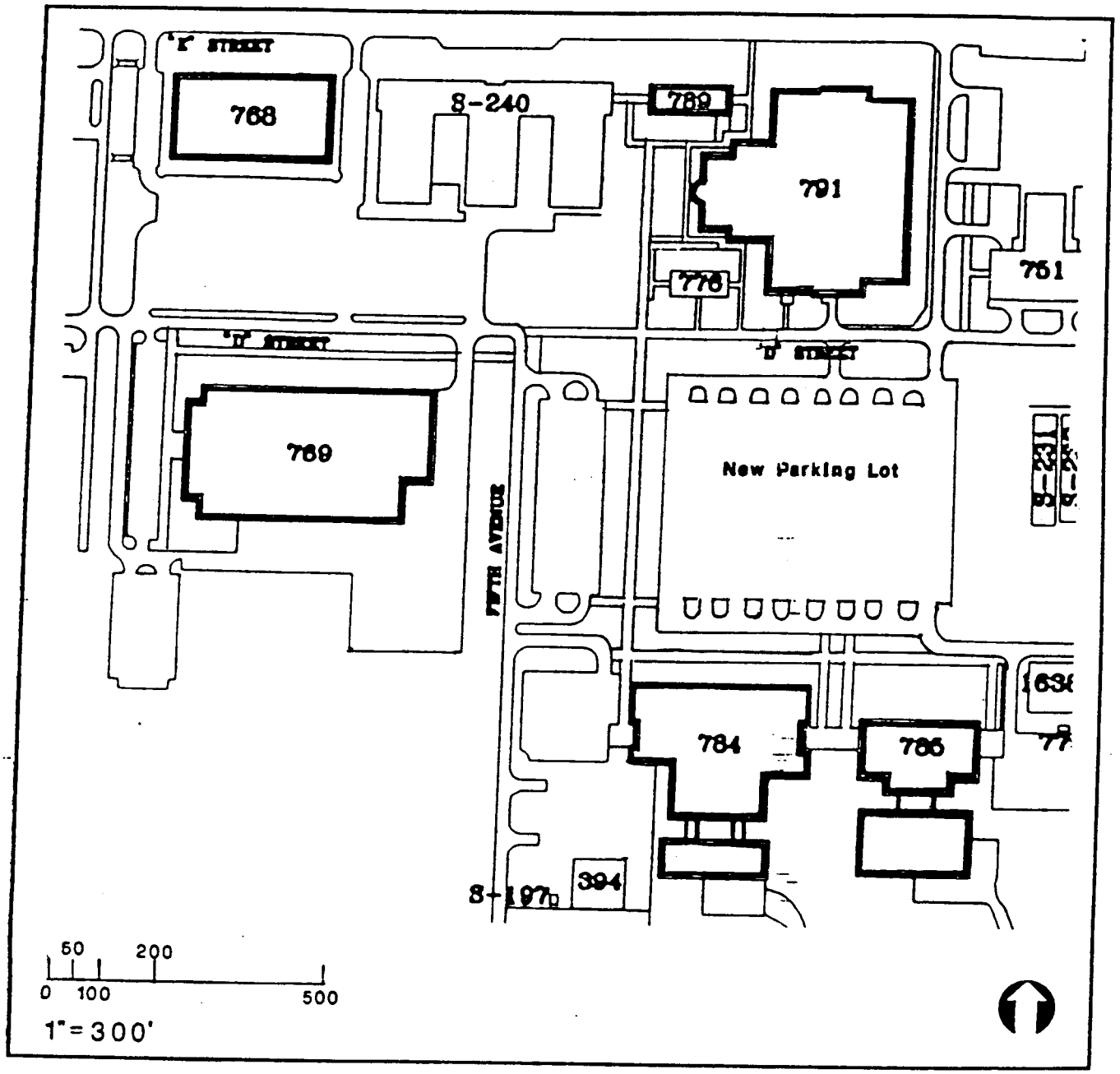
1. Add second floor in high structural bay
2. Add elevator, toilets, and stairs on second floor level
3. Add lighting, ductwork, and ceilings in high bay area
4. Modify mechanical, electrical, and plumbing
5. Add office finishes

VICINITY SITE PLAN
EXISTING SITE CONDITIONS



EXISTING CONDITIONS	SITE MODIFICATIONS
* As Indicated Above	* Demolish Buildings S-86 and S-133

VICINITY SITE PLAN
SITEWORK MODIFICATIONS



EXISTING CONDITIONS	SITE MODIFICATIONS
* Refer to Vicinity Site Plan, Existing Site Conditions	* Add new parking lot for 647 vehicles

51

BRAC 1995 ENVIRONMENTAL DATA CALL:
All Navy/Marine Corps Host Activities

INDEX

Section	Page
GENERAL INSTRUCTIONS	2
ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT	3
WETLANDS	5
CULTURAL RESOURCES	5
ENVIRONMENTAL FACILITIES	6
AIR POLLUTION	10
ENVIRONMENTAL COMPLIANCE	13
INSTALLATION RESTORATION	14
LAND/AIR/WATER USE	16
WRAP-UP	20

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.*

I. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

Ia. 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)
example: Haliaeetus leucocephalus - bald eagle	*threatened*	*Federal*	*25*	*0*
none				

Source Citation: Naval Air Station Memphis, Long Range Fish and Wildlife Plan

Ib.

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	NO
Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.	NO

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.
N/A

1d.

Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.	NO

1e.

Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO

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/NO *
Has a wetlands survey in accordance with established standards been conducted for your base?	YES/NO *
When was the survey conducted or when will it be conducted?____/____/____	*
What percent of the base has been surveyed?	*
What is the total acreage of jurisdictional wetlands present on your base?	*

*SOUTHNAVFACENGCOM has contracted with U.S. Fish and Wildlife Service to conduct a wetlands survey of NAS Memphis commencing in June 1994. Previously prepared Fish and Wildlife Service Wetlands Inventory Maps indicate approximately 222 acres of potential wetlands.

Source Citation:_SOUTHNAVFACENGCOM Natural Resources Department (PHONCON Rodger Aitken NAS Memphis/Pat Cline SOUTHNAVFACENGCOM of 10 May 94)

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.
Maps will be provided upon completion of study.

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland?_no_____If YES, summarize the results of such modifications or constraints.

3. CULTURAL RESOURCES

3a.

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	*YES **

**The "Intensive Historic and Architectural Survey of Buildings/Structures at Naval Complex Memphis" has been forwarded to the State Historical Preservation Officer (SHPO) for review. The report includes nomination packages recommending the following sites to be listed on the

National Register of Historic Places:
E-1, E-2, E-3, E-4, E-5, E-6, E-31, E-32, E-33, E-34, E-35, E-46, E-51, E-52, E-85, N-1, S-66, S-67, S-69, S-70, S-71, S-72, S-73, S-86, S-133, 550, 551, 552, 553, 554, 591, 592, and 593.

3b.
YES/NO

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	NO

3c.

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	YES/NO *

*There are no onbase areas identified as sacred areas or burial sites by Native Americans; however, there are two cemeteries onbase.

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.
No permitted and/or active sanitary landfills.
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**			

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

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

4b. If there are any non Navy users of the landfill, describe the user and conditions/agreements.

N/A

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 Center	not established		300 cubic yards	In Review	*Never permitted before
Class "O" incinerator	TSP 1.2 lbs/hr - 624 hr/yr		600 lbs/hr	Current air permit	Incinerator is only used - 12 hrs/week

List any permit violations and projects to correct deficiencies or improve the facility.
*State of Tennessee is currently reviewing permit-by-rule for our recycling center.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					NO
ID/Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/Year Built**

List permit violations and discuss any projects to correct deficiencies.
N/A

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.
The average daily discharge to the City of Millington WWTP is 1.795 MGD. The City of Millington requires no permit at this time. NAS Memphis is considered to discharge only domestic wastes. The WWTP measures flow but has set no limits. Only discharge problems we are aware of are occasional AFFF and/or JP-5 quantities. Base could possibly be classified as industrial discharge following SOUTHNAVFACENGCOM survey.

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					NO
ID/Location of IWTP	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status

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

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)?					YES
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			
NAS Memphis Bldg. S-1684	4.2 MGD	2.2 MGPD	Class IV direct filtration	4.2 MGD	State inspected and approved
	microbiol-ogically approved laboratory				

List permit violations and projects/actions to correct deficiencies or improve the facility.
There is a project in the works to increase the laboratory size as recommended by State of Tennessee. The project is currently unfunded. The total cost to increase the laboratory is estimated at $200K.

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.
N/A

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	NO

No contamination discovered and adequate quantity of water found in aquifer.

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.	

We currently have two permitted NPDES discharge points associated with fuel farm oil/water separators. Monitored permit conditions are flow, total suspended solids, oil and grease, and rainfall duration. Required quarterly monitoring and reporting during rainfall events. Base has been included in U.S. Navy group stormwater permit application.

4l.

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

Inspection pits at JP-5 fuel farm

Explain: Inspection pits at JP 5 fuel farm discharge through an oil/water separator into a storm drainage ditch.

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.

N/A

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain.

No

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? Shelby County No. 18 _____
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? __no_____ . List site, location and name of AQCA.

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 Memphis_____ AQCA: Shelby County

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]
CO		X		1990*	Moderate
Ozone		X		1990*	Marginal
PM-10	X				
SO_2	X				
NO_2	X				
Pb	X				

[1] Based on national standard for Non-Attainment areas or SIP for Maintenance areas.
[2] Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

*The local AQCA has submitted documentation that attainment was met in 1990 but EPA has not given approval to change the status.

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.

	Emission Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	9.876	N/A	N/A	N/A	9.876
NOx	128.52	N/A	N/A	N/A	128.52
VOC	1.911	N/A	N/A	N/A	1.911
PM10 *TSP	3.281	N/A	N/A	N/A	3.281

5Source Document: Emission Inventory Report CY 91

* The local Air Permit Board does not regulate PM10. This data is part of the TSP.

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	7.7075	N/A	N/A	N/A	7.7075
NOx	34.329	N/A	N/A	N/A	34.329
VOC	.1565	N/A	N/A	N/A	0.1565
PM10	2.145	N/A	N/A	N/A	2.145

Source Document: Air Emissions Inventory Data Log

ACTUAL EMISSONS FOR PAST 12 MONTHS
N-79 BOILER

	TSP	SO2	NO	CO	VOC
BOILER 1	0.002	0.000	0.041	0.008	0.002
FUEL OIL	0.000	0.000	0.000	0.000	0.000
---	---	---	---	---	---
TOTALS	0.002	0.000	0.041	0.008	0.002

ACTUAL EMISSONS FOR PAST 12 MONTHS
509 BOILER

	TSP	SO2	VOC	NOX	CO
BOILER 1	0.004	0.001	0.004	0.083	0.017
FUEL OIL	0.000	0.000	0.000	0.000	0.000
---	---	---	---	---	---
TOTALS	0.004	0.001	0.004	0.083	0.017

ACTUAL EMISSONS FOR PAST 12 MONTHS
773 BOILERS

	TSP	SO2	VOC	NOX	CO
BOILER 1	0.001	0.000	0.001	0.014	0.003
BOILER 2	0.000	0.000	0.000	0.000	0.000
FUEL OIL	0.000	0.000	0.000	0.000	0.000
---	---	---	---	---	---
TOTALS	0.001	0.000	0.001	0.014	0.003

BUs10H

INCINERATOR BUILDING 1579 PERMIT # 0485-2I(R)

MONTH	NATURAL GAS USED CCF	LBS MOTT BURNED	HRS	LB/HR	TSP/HR	NOX	SO2	VOC	CO
JAN 93	10100	2565	56.00	45.8036	0.054	1.804	0.0108	0.0202	0.036
FEB 93	67300	2360	19.00	155.7894	1.069	35.421	0.2125	0.3967	7.08
MAR 93	85215	3666	30.00	122.2000	0.852	28.405	0.1704	0.3181	5.68
APR 93	97040	4275	31.00	137.9032	0.939	31.303	0.1878	0.3506	6.26
MAY 93	87200	3842	33.00	116.4242	0.793	26.424	0.1585	0.2960	5.28
JUN 93	252651	11130	57.00	195.2631	1.330	44.325	0.2659	0.4964	8.86
JUL 93	30800	4126	26.00	158.6923	0.355	11.846	0.0711	0.1327	2.36
AUG 93	7100	2160	11.00	196.3636	0.134	6.455	0.0387	0.0723	1.29
SEP 93	21500	2985	32.00	93.28125	0.202	6.719	0.0403	0.0753	1.34
OCT 93	17400	1475	12.33	119.6269	0.423	14.112	0.0847	0.1581	0.00
NOV 93	7000	1992	15.67	127.1218	0.134	4.467	0.0268	0.0500	0.00
DEC 93	34200	1270	7.33	173.2605	1.400	46.658	0.2799	0.5226	9.33
TOTAL CCF	717506	42446	330.33	128.4957	0.652	21.721	0.1303	1.1512	4.34
TOTAL MMCF	71.7506			TOTAL TPY	0.1	3.588	0.0215	0.0003	0.02

ALL ENTRIES OF MATERIAL ARE MADE IN QUARTS

0485-03P NAMTRAGRU BLDG 360

VOC<=2.79 LB/HR .72 TON/YR TOTAL HRS 43.3 HRS/MTH 520 HRS/YR

MONTH	ENAMEL	LACQUER	THINNER	POLY PRIMER	POLY THINNER	TIME HRS	LB/HR AC	LB/HR PE
JAN 93		1.500	1.500	1.000	1.000	17.500	0.460	0.077
FEB 93		12.750	12.750	1.500	1.500	54.500	0.844	0.442
MAR 93	1.000	32.750	32.750	1.250	2.250	50.000	2.242	1.078
APR 93	1.000	56.000	56.000	0.500	1.500	59.000	3.132	1.777
MAY 93	5.000	2.000	2.000	2.500	7.500	29.000	0.895	0.250
JUN 93		32.000	32.000	0.500	0.500	85.000	1.235	1.009
JUL 93		13.500	13.500			15.000	2.907	0.419
AUG 93	0.500	34.000	34.000	0.250	1.000	44.000	2.552	1.080
SEP 93	0.500	1.250	1.250	1.750	2.250	13.000	0.830	0.104
OCT 93	0.750	0.625	0.625	1.250	2.000	15.000	0.516	0.074
NOV 93	2.000	0.750	0.750		2.000	12.500	0.562	0.068
DEC 92		3.250	3.250	2.000	2.000	29.000	0.583	0.162
TOTAL QTS	10.750	190.375	190.375	12.500	23.500	423.500		
TOTAL GAL	2.688	47.594	47.594	3.125	5.875			
VOC lbs	5.106	291.274	323.638	15.000	43.475			

TOTAL VOC 678.493
TOTAL HRS 423.500
TOT LB/HR 1.602
TOTAL LB/HR PERMIT 0.544
TONS VOC 0.339

THE TOTAL PERMIT HOURS ARE WITHIN LIMITS
THE TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
THE TOTAL ACTUAL POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

0485-13P (R) HOSPITAL MONTHLY ETHYLENE OXIDE USAGE REPORT

VOC<=1.05 LB/HR .66 TON/YR TOTAL HRS 104 HR/MTH 1248 HR/YR

MONTH	ETO IN LBS	AMT TO THE AIR	AMT TO DRAIN	TIME HRS	LB/HR VOC
JAN 93	7.100	0.710	6.390	35.000	0.020
FEB 93	5.310	0.531	4.779	31.500	0.017
MAR 93	6.640	0.660	5.970	33.250	0.020
APR 93	6.670	0.670	6.000	42.000	0.016
MAY 93	4.970	0.500	4.470	31.500	0.016
JUN 93	5.190	0.510	4.670	33.250	0.015
JUL 93	2.970	0.300	2.670	21.000	0.014
AUG 93	4.530	0.453	4.077	28.000	0.016
SEP 93	6.640	0.660	5.970	36.750	0.018
OCT 93	4.410	0.441	3.969	26.250	0.017
NOV 93	4.750	0.475	4.275	31.500	0.015
DEC 93	5.980	0.600	5.380	33.250	0.018
TOTAL	65.160	6.510	58.650	383.250	

TOTAL VOC 6.510
TOTAL HRS 383.250
TOTAL LB/HR PERMIT 0.005
TOTAL LB/HR ACTUAL 0.017
TONS VOC 0.003

TOTAL PERMIT HOURS ARE WITHIN LIMITS
TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL ACTUAL POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES FOR ENAMEL ARE MADE IN OUNCES
ALL ENTRIES FOR LATEX MADE IN GAL

0485-16P PAINT OUTSIDE BLDG S-183

VOC<=1.4 LB/HR .29 TON/YR TOTAL HRS 34.67 HR/MTH 416 HR/YR

MONTH	LATEX	ENAMEL	TIME HRS	LB/HR VOC
JAN 93			0.000	0.000
FEB 93			0.000	0.000
MAR 93		16.000	0.300	2.596
APR 93	2.000	22.000	6.000	0.512
MAY 93		4.000	0.500	0.389
JUN 93	10.000	64.000	10.000	1.312
JUL 93			0.000	0.000
AUG 93			0.000	0.000
SEP 93			0.000	0.000
OCT 93		4.000	0.500	0.389
NOV 93			0.000	0.000
DEC 93		12.000	1.000	0.584
TOTAL OZS			18.300	
TOTAL GAL	12.000	122.000		
VOC lbs	12.000	760.060		

TOTAL VOC 772.060
TOTAL HRS 18.300
TOTAL LB/HR PERMIT 0.928
TOTAL LB/HR ACTUAL 42.189
TONS VOC 0.386

TOTAL PERMIT HOURS ARE WITHIN LIMITS
TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL ACTUAL POUNDS PER HOUR ARE EXCEEDED
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES OF MATERIAL ARE MADE IN QUARTS

0485-14P AS SCHOOL BLDG S-787

VOC<=1.38 LB/HR .86 TON/YR TOTAL HRS (HRS/DAY 1248 HRS/YR

MONTH	LATEX	LACQUER	THINNER	POLY PRIMER	POLY THINNER	MEK	TIME HRS	LB/HR AC	LB/HR PE
JAN 93				1.000		1.000	1.000	2.878	0.028
FEB 93				3.000	1.000		1.700	3.293	0.054
MAR 93	0.500				1.000	2.000	1.100	5.005	0.053
APR 93							0.000	0.000	0.000
MAY 93							0.000	0.000	0.000
JUN 93	0.500						0.167	0.913	0.001
JUL 93	1.000						1.250	0.244	0.003
AUG 93	2.000	2.000	1.000	2.000	2.000		9.167	1.283	0.113
SEP 93	4.000	1.000					4.750	0.579	0.026
OCT 93	0.500						0.583	0.262	0.001
NOV 92	0.750			1.500	1.500	3.000	3.900	2.579	0.097
DEC 92	0.500						1.300	0.117	0.001
TOTAL QTS	9.750	3.000	1.000	7.500	5.500	6.000	24.917		
TOTAL GAL	2.438	0.750	0.250	1.875	1.375	1.500			
VOC lbs	2.974	4.590	1.700	9.000	10.175	10.065			

TOTAL VOC 38.504
TOTAL HRS 24.917
TOT LB/HR 1.545
TOTAL LB/HR PERMIT 0.031
TONS VOC 0.019

TOTAL PERMIT HOURS ARE WITHIN LIMITS
TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL ACTUAL POUNDS PER HOUR ARE EXCEDED FOR ACTUAL HOURS OF OPERATION
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES OF MATERIAL ARE MADE IN OUNCES

0485-04P AMS SCHOOL BLDG. S-704

VOC<=35.5 LB/HR 10.34 TON/YR TOTAL HRS <=600

MONTH	WATER BASE PAINT LATEX	PRIMER	LACQUER	PRIMER	NAPTHA	ENAMEL	TIME HRS	LB/HR VOC
JAN 93	14.000						0.348	0.314
FEB 93	18.000	6.000					0.520	0.361
MAR 93	32.000						0.545	0.459
APR 93	20.000						0.770	0.203
MAY 93	70.000						0.817	0.669
JUN 93	35.000						0.800	0.342
JUL 93	41.500						0.895	0.362
AUG 93	133.500						1.395	0.748
SEP 93	100.000						1.263	0.619
OCT 93	82.000						0.557	1.150
NOV 92	167.000						1.342	0.972
DEC 92	41.800	52.000					0.543	1.350
TOTAL OZS	754.800	58.000	0.000	0.000	0.000	0.000	9.795	
TOTAL GAL	5.897	0.453	0.000	0.000	0.000	0.000		
VOC lbs	5.897	0.453	0.000	0.000	0.000	0.000		

TOTAL VOC 6.350
TOTAL HRS 9.795
TOT LB/HR PERMIT 0.011
TOTAL LB/HR ACTUAL 0.648
TONS VOC 0.003

ALL ENTRIES OF MATERIAL ARE MADE IN QUARTS

0485-07P AIMD HLDG N-12

VOC<=3.05 LB/HR 1.03 TON/YR TOTAL HRS 7AHRS/MTH 936 HRS/YR

MONTH	POLY	PRIMER A/C	GSE	THINNER	RAIN ERODE	LACQUER	TIME HRS	LB/HR AC	LB/HR PERMIT
JAN 93	3.000	1.500		2.750			19.000	0.552	0.134
FEB 93	7.750	2.250	4.000	5.250			23.000	1.066	0.314
MAR 93	7.000	1.000		5.250			22.500	0.858	0.248
APR 93	3.250	0.250		3.250			12.000	0.851	0.131
MAY 93	2.750	1.500		4.000		3.000	19.000	0.899	0.219
JUN 93	3.250	1.000		2.875			13.000	0.801	0.134
JUL 93	3.500	1.375		2.500			13.000	0.806	0.134
AUG 93	6.500			3.500			10.500	1.360	0.183
SEP 93	5.250		3.000	4.000		1.000	21.000	0.825	0.222
OCT 93	10.000	1.500	5.000	4.750			22.100	1.180	0.334
NOV 93	7.500	1.750	1.000	4.250			8.000	2.458	0.252
DEC 92	9.500		3.500	7.500			10.500	2.640	0.355
TOTAL QTS	69.250	12.125	16.500	49.875	0.000	4.000	193.600		
TOTAL GAL	17.313	3.031	4.125	12.469	0.000	1.000			
VOC lbs	83.100	14.550	11.550	92.269	0.000	6.120			

TOTAL VOC 207.589
TOTAL HRS 193.600
TOT LB/HR 1.072
TOTAL LB/HR PERMIT 0.222
TONS VOC 0.104

THE TOTAL PERMIT HOURS ARE WITHIN LIMITS
THE TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
THE TOTAL ACTUAL POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES OF MATERIAL ARE MADE IN OUNCES

0485-15P AIMD SMALL PAINT BOOTH

VOC<=1.93 LB/HR .80 TON/YR TOTAL HRS 69.33 HR/MTH 832 HR/YR

MONTH	ENAMEL	LAQUER	NAPTHA	TIME HRS	LB/HR VOC
JAN 93				0.000	0.000
FEB 93				0.000	0.000
MAR 93		56.000		3.000	0.909
APR 93				0.000	0.000
MAY 93		16.000		2.000	0.389
JUN 93		32.000		1.000	1.559
JUL 93	24.000			0.750	1.575
AUG 93		24.000		1.000	1.168
SEP 93		64.000		3.000	1.038
OCT 93	64.000			2.200	1.432
NOV 93	8.000	48.000		2.000	1.365
DEC 93	112.000			3.000	1.838
TOTAL OZS	208.000	240.000	0.000	17.950	
TOTAL GAL	1.625	1.875	0.000		
VOC lbs	10.238	11.681	0.000		

TOTAL VOC 21.919
TOTAL HRS 17.950
TOTAL LB/HR PERMIT 0.026
TOTAL LB/HR ACTUAL 1.221
TONS VOC 0.011

TOTAL PERMIT HOURS ARE WITHIN LIMITS
TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL ACTUAL POUNDS PER HOUR ARE WITHIN LIMITS
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

ALL ENTRIES OF MATERIAL ARE MADE IN QUARTS

0485-05P AUTO HOBBY SHOP BLDG 349

VOC<=1.82 LB/HR 2.27 TON/YR TOTAL HRS 208HRS/MTH 2496 HRS/YR

MONTH	ENAMEL PAINT	ENAMEL REDUCER	PAINT	LAQUER THINNER	PRIMER	TIME HRS	LB/HR	AC LB/HR
JAN 93	4.000	4.000			0.500	3.000	4.840	[illegible]
FEB 93	8.000	8.000		1.000		5.000	5.816	[illegible]
MAR 93	16.000	4.000		4.000		3.500	11.231	[illegible]
APR 93	12.000	8.000		4.000	4.000	7.500	6.263	0.22
MAY 93	9.000	9.000			5.000	18.500	2.109	0.18
JUN 93	12.000	12.000		1.000		12.500	3.422	0.20
JUL 93	12.000	12.000	4.000		4.000	9.000	6.007	0.26
AUG 93	2.000	4.000		1.000		4.000	3.057	0.05
SEP 93	28.000	23.000	12.000	19.750		22.500	6.177	0.66
OCT 93	18.000	12.000		4.000	4.000	14.500	4.401	0.30
NOV 93	29.000	28.000		11.000	11.000	29.000	4.620	0.64
DEC 93	13.000	13.000			1.000	10.000	4.617	0.22
TOTAL QTS	163.000	137.000	16.000	45.750	29.500	139.000		
TOTAL GAL	40.750	34.250	4.000	11.438	7.375			
VOC lbs	256.725	253.450	25.600	76.746	48.380			

TOTAL VOC 660.901
TOTAL HRS 139.000
TOT LB/HR 4.755
TOTAL LB/HR PERMIT 0.265
TONS VOC 0.330

THE TOTAL PERMIT HOURS ARE WITHIN LIMITS
THE TOTAL PERMIT POUNDS PER HOUR ARE WITHIN LIMITS
THE TOTAL ACTUAL POUNDS PER HOUR ARE EXCEEDED FOR HOURS OF ACTUAL OPERATION
TOTAL TONS PER YEAR VOC EMITTED ARE WITHIN LIMITS

0485-031 FIRE TRAINING PADS #305 & #392

TSP<=.0098 LB/GL .607 TON/YR TOTAL FUEL SHALL NOT EXCEED 7500 GL/WK

MONTH	JP-5	AFFF	HALON	PKP	GAL/WK	GAL LIMITS
JAN 93	8257	565	1170	574	2064.3	OK
FEB 93	4087	510	480	361	1021.8	OK
MAR 93	11614	647	1752	760	2903.5	OK
APR 93	7682	567	640	630	1920.5	OK
MAY 93	11245	965	1075	561	2811.3	OK
JUN 93	6630	112	480	135	1657.5	OK
JUL 93	6720	215	200	624	1680.0	OK
AUG 93	7025	190	208	687	1756.3	OK
SEP 93	5275	180	0	501	1318.8	OK
OCT 93	4000	260	0	435	1000.0	OK
NOV 93	5400	270	0	578	1350.0	OK
DEC 93	2650	45	0	108	662.5	OK
TOTAL	80585	4526	6005	5962	20146.3	OK
TOTAL TSP	790					
TSP TN/YR	0.395					

TOTAL TSP T/YR 0.395
AVG GAL/WK 1550

THE AVG GALLONS PER WEEK BURNED ARE WITHIN LIMITS
TOTAL TONS PER YEAR TSP EMITTED ARE WITHIN LIMITS

0485-04I, 04T, 05T CARRIER DECK FIRE TRAINING

TSP<=:95 LB/HR .95 TON/YR FUEL 7500 GL/WK MAX

MONTH	JP-5	RECLAIM	AFFF	HALON	PKP	GAL/WK	GAL LIMIT
JAN 93	1008	0.0	309	476	0	252.0	OK
FEB 93	1927	980.0	746	1085	0	481.8	OK
MAR 93	3195	1055.0	1009	1720	0	798.8	OK
APR 93	2110	1136.0	768	1621	0	527.5	OK
MAY 93	1442	1692.0	684	1440	0	360.5	OK
JUN 93	1062	3435.7	640	1670	0	265.4	OK
JUL 93	3086	3086.0	915	0	330	771.5	OK
AUG 93	1509	1137.4	727	75	780	377.3	OK
SEP 93	3236	1883.9	875	0	492	809.0	OK
OCT 93	873	1729.7	402	0	0	218.3	OK
NOV 93	1591	0.0	506	0	0	397.7	OK
DEC 93	832	1240.3	297	0	0	208.0	OK
TOTAL	21870	17376.0	7885	8607	1602	420.6	OK
TOTAL TSP	214						
TSP TN/YR	0.107						

TOTAL TSP T/YR 0.107
AVG GAL/WK 421

THE AVG GALLONS PER WEEK BURNED ARE WITHIN LIMITS
TOTAL TONS PER YEAR TSP EMITTED ARE WITHIN LIMITS

12 m

CYCLONE SEPARATOR NAMTRAGRU MDQ 225 PERMIT NO: 0485-10P

MONTH	HRS OF OPERATION	LBS OF SAWDUST	AIRBORNE DUST	TOTAL TSP	HOURS/MONTH 62.75
JAN 199					
FEB 1993	0.10	3:00	3.75	0.75	HOURS PER MONTH OK
MAR 1993	5.30	45:00	56.25	11.25	HOURS PER MONTH OK
APR 1993	1.80	14:00	17.50	3.50	HOURS PER MONTH OK
MAY 1993	0.20	5:00	6.25	1.25	HOURS PER MONTH OK
JUN 1993	6.70	36:00	45.00	9.00	HOURS PER MONTH OK
JUL 1993	6.20	35:00	43.75	8.75	HOURS PER MONTH OK
AUG 1993	0.90	10:00	12.50	2.50	HOURS PER MONTH OK
SEP 1993	0.50	3:00	3.75	0.75	HOURS PER MONTH OK
OCT 1993	4.00	14:00	17.50	3.50	HOURS PER MONTH OK
NOV 1993	1.75	8:00	10.00	2.00	HOURS PER MONTH OK
DEC 1993	1.33	13:00	16.25	3.25	HOURS PER MONTH OK
TOTAL	28.78	186:00	232.50	46.50	

TSP POUNDS PER HOUR ACTUAL: 1.62
TSP POUNDS PER HOUR PERMIT: 0.09
TONS PER YEAR TSP : 0.02

TOTAL YEARLY OPERATING HOURS IS: OK
TOTAL POUNDS PER HOUR ACTUAL IS: OVER
TOTAL POUNDS/HOUR TSP PERMIT IS: OK
TOTAL TONS TSP IS : OK

N O T E S :
ACTUAL TSP LBS PER HR IS TOTAL TSP/HRS OF OPERATION
PERMIT TSP LBS PER HR IS TOTAL TSP/PERMITTED TOTAL HRS 753 (8 MONTHS IS 502 HRS)
TOTAL OPERATING HOURS SHALL NOT EXCEED 753
TOTAL TONS TSP SHALL NOT EXCEED .22

CYCLONE SEPARATOR BLDG S-77 PERMIT NO: 0485-9P

MONTH	HRS OF OPERATION	LBS OF SAWDUST	AIRBORNE DUST	TOTAL TSP	HOURS/MONTH 43.33
JAN 1993	8.75		0.00	0.00	HOURS PER MONTH OK
FEB 1993	3.38		0.00	0.00	HOURS PER MONTH OK
MAR 1993	7.03		0.00	0.00	HOURS PER MONTH OK
APR 1993	4.97		0.00	0.00	HOURS PER MONTH OK
MAY 1993	3.98 start		0.00	0.00	HOURS PER MONTH OK
JUN 1993	2.27		0.00	0.00	HOURS PER MONTH OK
JUL 1993	1.15		0.00	0.00	HOURS PER MONTH OK
AUG 1993	0.63		0.00	0.00	HOURS PER MONTH OK
SEP 1993	0.60		0.00	0.00	HOURS PER MONTH OK
OCT 1993	1.07		0.00	0.00	HOURS PER MONTH OK
NOV 1993	1.83		0.00	0.00	HOURS PER MONTH OK
DEC 1993	2.03	1040.00	1300.00	260.00	HOURS PER MONTH OK
TOTAL	13.56	1040.00	1300.00	260.00	

TSP POUNDS PER HOUR ACTUAL: 19.17
TSP POUNDS PER HOUR PERMIT: 0.29
TONS PER YEAR TSP : 0.13

TOTAL YEARLY OPERATING HOURS IS: OK
TOTAL POUNDS PER HOUR ACTUAL IS: OVER
TOTAL POUNDS/HOUR TSP PERMIT IS: OK
TOTAL TONS TSP IS : OK

N O T E S :
ACTUAL TSP LBS PER HR IS TOTAL TSP/HRS OF OPERATION
PERMIT TSP LBS PER HR IS TOTAL TSP/PERMITTED TOTAL HRS 520
TOTAL OPERATING HOURS SHALL NOT EXCEED 520
TOTAL TONS TSP SHALL NOT EXCEED .38

CYCLONE SEPARATOR CRAFTECH OLDO 787 PERMIT NO: 0485-17P

MONTH	HRS OF OPERATION	LBS OF SAWDUST	AIRBORNE DUST	TOTAL TSP	HOURS/MONTH 91.00
JAN 1993	74.50	0.00	0.00	0.00	HOURS PER MONTH OK
FEB 1993	36.10		0.00	0.00	HOURS PER MONTH OK
MAR 1993	54.60		0.00	0.00	HOURS PER MONTH OK
APR 1993	91.20		0.00	0.00	HOURS PER MONTH OVER
MAY 1993	76.00		0.00	0.00	HOURS PER MONTH OK
JUN 1993	65.50		0.00	0.00	HOURS PER MONTH OK
JUL 1993	77.10	300.00	375.00	75.00	HOURS PER MONTH OK
AUG 1993	138.10		0.00	0.00	HOURS PER MONTH OVER
SEP 1993	103.00	800.00	1000.00	200.00	HOURS PER MONTH OVER
OCT 1993	67.00	120.00	150.00	30.00	HOURS PER MONTH OK
NOV 1993	60.90		0.00	0.00	HOURS PER MONTH OK
DEC 1993	50.64	580.00	725.00	145.00	HOURS PER MONTH OK
TOTAL	894.64	1800.00	2250.00	450.00	

TSP POUNDS PER HOUR ACTUAL: 0.50
TSP POUNDS PER HOUR PERMIT: 0.41
TONS PER YEAR TSP : 0.23

TOTAL YEARLY OPERATING HOURS IS: OK
TOTAL POUNDS PER HOUR ACTUAL IS: OVER
TOTAL POUNDS/HOUR TSP PERMIT IS: OVER
TOTAL TONS TSP IS : OVER

N O T E S :
ACTUAL TSP LBS PER HR IS TOTAL TSP/HRS OF OPERATION
PERMIT TSP LBS PER HR IS TOTAL TSP/PERMITTED TOTAL HRS 1092
TOTAL OPERATING HOURS SHALL NOT EXCEED 1092
TOTAL TONS TSP SHALL NOT EXCEED .22

CYCLONE SEPARATOR CPU 404 BLDG 765 PERMIT NO: 0485-12P

MONTH	HRS OF OPERATION	LBS OF SAWDUST	AIRBORNE DUST	TOTAL TSP	HOURS/MONTH 130.00
JAN 1994			0.00		
FEB 1993	0.60		0.00	0.00	HOURS PER MONTH OK
MAR 1993	0.40		0.00	0.00	HOURS PER MONTH OK
APR 1993	0.95		0.00	0.00	HOURS PER MONTH OK
MAY 1993	3.35		0.00	0.00	HOURS PER MONTH OK
JUN 1993	6.77		0.00	0.00	HOURS PER MONTH OK
JUL 1993	1.42		0.00	0.00	HOURS PER MONTH OK
AUG 1993	0.85	120.00	150.00	30.00	HOURS PER MONTH OK
SEP 1993	4.03		0.00	0.00	HOURS PER MONTH OK
OCT 1993	0.62		0.00	0.00	HOURS PER MONTH OK
NOV 1993	2.97		0.00	0.00	HOURS PER MONTH OK
DEC 1993	5.73	90.00	112.50	22.50	HOURS PER MONTH OK
TOTAL	28.29	210.00	262.50	52.50	

TSP POUNDS PER HOUR ACTUAL: 1.86
TSP POUNDS PER HOUR PERMIT: 0.06
TONS PER YEAR TSP : 0.03

TOTAL YEARLY OPERATING HOURS IS: OK
TOTAL POUNDS PER HOUR ACTUAL IS: OVER
TOTAL POUNDS/HOUR TSP PERMIT IS: OK
TOTAL TONS TSP IS : OK

N O T E S :
ACTUAL TSP LBS PER HR IS TOTAL TSP/HRS OF OPERATION
PERMIT TSP LBS PER HR IS TOTAL TSP/PERMITTED TOTAL HRS 1560 (7 MONTHS IS 910 HRS)
TOTAL OPERATING HOURS SHALL NOT EXCEED 1560
TOTAL TONS TSP SHALL NOT EXCEED .83

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.

NAS Memphis expects CO and NOx to remain the same. VOC and TSP are expected to decrease due to downsizing.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

Shelby County in which NAS Memphis is located is presently a non-attainment area for CO and Ozone.

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 official restrictions placed on operations/mission/functions.

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

Program	Survey Com-pleted?	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air		3	3	3	4	10	10
Hazardous Waste		200	200	200	200	452	492
Safe Drinking Water Act		120	620	620	620	1280	1280
PCBs			20	25	25	25	25
Other (non-PCB) Toxic Substance Control Act							
Lead Based Paint			500	500	500	500	500
Radon			500	500	500	500	500
Clean Water Act		202	952	952	1010	1836	1766
Solid Waste		200	200	200	200	400	400
Oil Pollution Act			200	200	200	400	400
USTs		1102	1102	2202	703	1008	1008
Other *ASBESTOS*			300	800	800	500	500
Total		1827	4597	6202	4762	6911	6881

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

6b.
Does your base have structures containing asbestos? YES What % of your base has been surveyed for asbestos? 100 _____ Are additional surveys planned? NO What is the estimated cost to remediate asbestos ($K) 13,000. Are asbestos survey costs based on encapsulation, removal or a combination of both? BOTH.

6c. Provide detailed cost of operational (environmental) compliance costs, with funding source.

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN			484	484	484	484	1000	1000
HA								
PA								
Other (specify)								
TOTAL			484	484	484	484	1000	1000

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

No.

7. INSTALLATION RESTORATION

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	NO

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
SWMU 2	CA	NO	NO	NO	2M/FY98	RFI
SWMU 9	CA	NO	NO	NO	1.5M/FY98	RFI
SWMU 14	CA	NO	NO	NO	.35M/FY98	RFI
SWMU 17	CA	NO	NO	NO	.5M/FY96	CSI
SWMU 19	CA	NO	NO	NO	.5M/FY96	CSI
SWMU 20	CA	NO	NO	NO	.1M/FY96	CSI

[1] Type site: CERCLA, 'RCRA corrective action (CA), UST or other (explain)

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

7. INSTALLATION RESTORATION

Page 15 (7b) continued

Site # or Name	Type site 1	Groundwater Contaminated?	Extends Off Base	Drinking Water Source?	Cost to Complete ($M)Est. Compl.	Status2/ Comments
SWMU 23	CA	NO	NO	NO	.1M/FY97	CSI
SWMU 24	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 30	CA	NO	NO	NO	.15M/FY96	CSI
SWMU 38	CA	NO	NO	NO	.3M/FY98	RFI
SWMU 39	CA	NO	NO	NO	.15M/FY97	CSI
SWMU 41	CA	NO	NO	NO	.6M/FY97	CSI
SWMU 43	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 45	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 46	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 47	CA	NO	NO	NO	.1M/FY97	CSI
SWMU 48	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 49	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 59	CA	NO	NO	NO	.5M/FY98	RFI
SWMU 61	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 63	CA	NO	NO	NO	.1M/FY96	CSI
SWMU 65	CA	YES	NO	NO	1M/FY98	RFI

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.
N/A

7d.

Is there a groundwater treatment system in place?	NO
Is there a groundwater treatment system planned?	NO

State scope and expected length of pump and treat operation.

N/A

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES

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

Yes. Relocatable hazardous material satellite storage buildings. The buildings are designed to provide adequate security, secondary containment, and fire protection for any type of hazardous material in accordance with all applicable Federal, State and local regulatory laws. However, Fire Department has ruled no flammables can be stored in these buildings.

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

Yes. RCRA Part B Permitted Waste Container Storage Facility. Maximum quantity of 17,160 gallons of hazardous waste in DOT approved containers (312 55-gallon drums). The RCRA Part B Permit became effective on September 15, 1986 and expires on September 15, 1996. A Class 2 modification was issued and became effective on February 9, 1994.

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

No.

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	N/A

8. LAND / AIR / WATER USE

8a. List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

Parcel Descriptor	Acres	Location
NAVAL AIR STATION MEMPHIS	3390.44AC	
NAVAL HOSPITAL	38.69AC	
FEDERAL PRISON	58 AC	

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.)		NAS 3086 / Hospital 39
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: *
		All Others: 294
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		
Total Undeveloped land considered to be without development constraints		68
Total Off-base lands held for easements/lease for specific purposes		
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	14
	HERF	
	HERP	
	HERO	
	AICUZ	
	Airfield Safety Criteria	813
	Other	**

*See previous comments

**Communications clear zones ..52 AC
Fuel farm.....24 AC
Ranges.....29 AC

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. NONE

8d. What is the date of your last AICUZ update? _05__/_____/1993 Are any waivers of airfield safety criteria in effect on your base? Yes Summarize the conditions of the waivers below.

* SUMMARY OF AIRFIELD SAFETY WAIVERS CONTINUED ON PAGE 20*

SUMMARY OF AIRFIELD SAFETY WAIVERS

M-2 Aircraft Power Check Facility - Permits operation of power check facility in close proximity to taxiway.

M-3 Airfield Meteorological Equipment - Permits operation of weather equipment adjacent to the runway.

M-4 MATCU GCA Complex - Permits operation of Marine Air Traffic Control Unit Ground Control Approach Compound.

M-5 GCA Trailers on Turntables - Cancellation in progress (replaced by waiver M-17).

M-6 Navy Lake - Permits Navy Lake to remain in vicinity of runway end zone.

M-7 Obstructions in Approach to Runway 14 - Permits fence, power poles and Illinois Central Railroad to remain in the approach area of Runway 14.

M-14 End Zones and Overrun Runway 4-22- Permits end zones and crash strips for runway 4-22 not to meet minimum planning standards; i.e., not graded and stabilized.

M-15 Earth Banks - Permits earth banks to penetrate lateral clearance zones in vicinity of runways.

M-17 PAR (9AN/FPN -63) and Reflectors - Permits operation of precision approach radar and associated reflectors.

M-18 Fence - Permits construction of 4 foot high fence near apron between hanger N-126 and washrack 1636.

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.

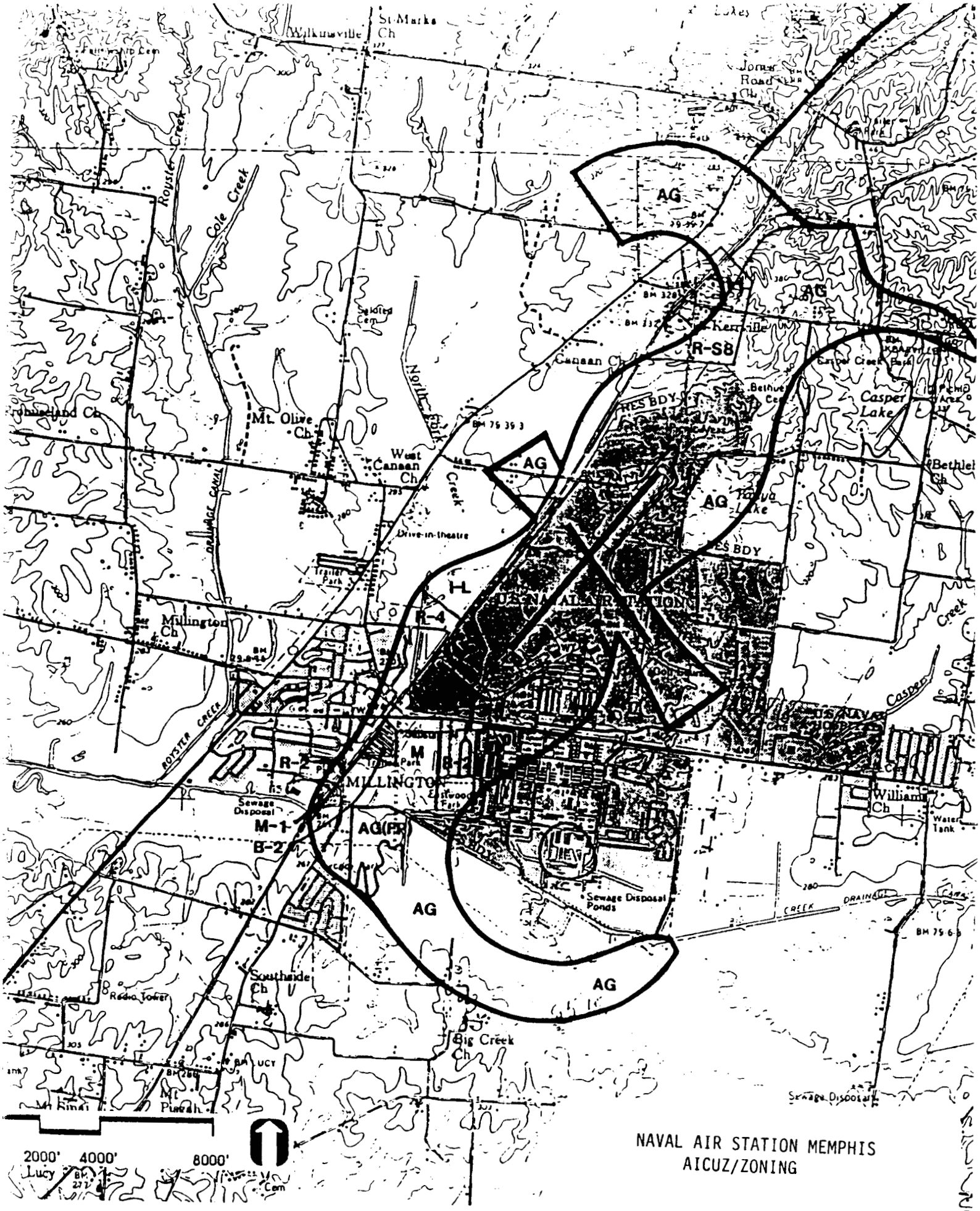
Acreage/Location/ID	Zones 2 or 3	Land Use	Compatible/ Incompatible
1644 (AG & AG (FP))	*	Agricultural	C
178 (M & M-1)	*	Industrial	C
41 (B2)	*	Commercial	C
160 (IL)	*	Office	I
295 (R-2, R-4, R-58 & AHR)	*	Residential	I
30 (Eastwood Park)	*	Park	C

*Map B-10 of 1993 AICUZ study shows "Zoning within AICUZ" and only indicates composite AICUZ zone (accident potential zones and 65db contour). Does not indicate zones 2 or 3. See attached map.

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.

N/A

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost ($M)



NAVAL AIR STATION MEMPHIS
AICUZ/ZONING

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

None - N/A

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	N/A
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	N/A
Are the dredged materials considered contaminated? List known contaminants.	N/A

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

N/A

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

N/A

8k.

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	NO

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. None

9. WRAP-UP

9a. Are there **existing or potential environmental showstoppers** that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions?

None.

9b. Are there any <u>other</u> **environmental permits** required for base operations, include any relating to industrial operations.

None.

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

None.

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

None.

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER, VADM

NAME (Please type or print

Signature

14 JUN 1994

CHIEF OF NAVAL PERSONNEL

Title

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

P.W. DRENNON

NAME (Please type of print

Signature

ACTING

Title

6/24/94

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 for audit purposes.

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

ACTIVITY COMMANDER

CAPTAIN T. L. WILLIS	T. L. Willis
NAME	SIGNATURE
COMMANDING OFFICER	19 MAY 94
TITLE	DATE

NAVAL AIR STATION MEMPHIS
ACTIVITY

513

CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
ADMINISTRATIVE ACTIVITY: Bureau of Naval Personnel and NSA Memphis
ACTIVITY UIC: Primary 62980 and various others

Category ..... Personnel Support
Sub-category .... Administrative Activities

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

Enclosure (1)

TABLE OF CONTENTS

Section	Page
1. Historical and Projected Workloads	1
2. Space Allocated to Functions	3
3. Space Available for Expansion	6
4. Expansion Potential	6
5. Changes to space, personnel, or mission.	7
6. Housing and Messing	8

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

In responding to the questions in this data dall, assume previous BRAC closures and realignments are implemented on schedule.

1. **Historical and Projected Workloads**. Use the following table to describe the historical and currently projected workload for this site in terms of funding and workyears. Assume that BRAC 91 and BRAC 93 closures and realignments are implemented on schedule. Dollar amounts should be stated in then-year dollars. FY 1994 data should be as of 31 December 1993.

This table reflects BUPERS, NAVMAC, NMPS and MWRTU as these activities will relocate to Memphis.

Information required		FY1989	FY1990	FY1991	Fy1992	FY1993	FY1994
Total funds budgeted ($K)		204837	207656	192991	185903	209206	222584
Total funds received ($K)		198036	196556	201943	221565	238024	230445
Budgeted In-House Workyears	Civ	1274	1256	1268	1095	1087	1053
	Mil	1453	1441	1277	1297	1290	1259
Actual In-House Workyears	Civ	1323	1285	1107	1126	1097	
	Mil	1597	1651	1674	1297	1578	
Budgeted contract personnel in your spaces	Workyears				387	387	387
	Dollars						
Actual Contract Personnel in Your spaces	Workyears				387	387	387
	Dollars						
Other Govt. Non-Payroll Personel in your spaces	NAF Civ (Pers-65/NMPS/MWRTU)	250	247	223	220	217	193
	Additional Duty Billets			112	112	112	112

Historical and Projected Workloads. (Continued)

R

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

REVISED

Information required		FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001
Total funds budgeted ($K)		231324	218519	212837	203310	206293		
Total funds received ($K)								
Budgeted In-House Workyears	Civ	1010	959	938	920	898		
	Mil	1265	1255	1270	1270	1270		
Actual In-House Workyears	Civ							
	Mil							
Budgeted contract personnel in your spaces	Workyears	387	387	387	387	387		
	Dollars							
Actual Contract Personnel in Your spaces	Workyears							
	Dollars							
Other Govt. NonPayroll Personnel in Your spaces	Workyears ADDU NAF	112 * 189 **	112 * 185 **	112 * 181 **	112 * 177 **	112* 174**		
	Dollars							

The nonappropriated fund employee positions that will relocate in FY 1996 as part of the BRAC III decision to move BUPERS to Memphis are from the Navy Motion Picture Service, the Morale, Welfare and Recreation Training Unit, and PERS-65. These positions will relocate with BUPERS in any scenario.

1A. **Historical and Projected Workloads**. Use the following table to describe the historical and currently projected workload for this site in terms of funding and workyears. Assume that BRAC 91 and BRAC 93 closures and realignments are implemented on schedule. Dollar amounts should be stated in then-year dollars. FY 1994 data should be as of 31 December 1993.

* ADDU

** NAF

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

Information required		FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001
Total funds budgeted ($K)		231324	218519	212837	203310	206293		
Total funds received ($K)								
Budgeted In-House Workyears	Civ	1007						
	Mil	1265	1255	1270	1270	1270		
Actual In-House Workyears	Civ							
	Mil							
Budgeted contract personnel in your spaces	Workyears	387	387	387	387	387		
	Dollars							
Actual Contract Personnel in Your spaces	Workyears							
	Dollars							
Other Govt. NonPayroll Personnel in Your spaces	Workyears	301	297	293	289	286		
	Dollars							

The nonappropriated fund employee positions that will relocate in FY 1996 as part of the BRAC III decision to move BUPERS to Memphis are from the Navy Motion Picture Service, the Morale, Welfare and Recreation Training Unit, and PERS-65. These positions will relocate with BUPERS in any scenario.

1A. **Historical and Projected Workloads**. Use the following table to describe the historical and currently projected workload for this site in terms of funding and workyears. Assume that BRAC 91 and BRAC 93 closures and realignments are implemented on schedule. Dollar amounts should be stated in then-year dollars. FY 1994 data should be as of 31 December 1993.

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

This table reflects data for NSA Memphis (including the Family Service Center and CAAC).

Information required		FY1989	FY1990	FY1991	Fy1992	FY1993	FY1994
Total funds budgeted ($K)		27,959	28,745	30,288	29,997	29,237	30,039
Total funds received ($K)		28,543	32,075	34,030	30,919	29,807	28,895
Budgeted In-House Workyears	Civ	250	250	278	245	248	258
	Mil	598	671	601	594	594	579
Actual In-House Workyears	Civ	246.3	248.3	242.6	255.2	249.3	247
	Mil	598	671	601	594	594	579
Budgeted contract personnel in your spaces	Workyears						
	Dollars	12665	12342	12957	12819	11475	10361
Actual Contract Personnel in Your spaces	Workyears						
	Dollars						
Other Govt. Non-Payroll Personel in your spaces							

*Contract requirements dictate budget not workyears.

UIC: Primary 62980 and various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

REVISED

Historical and Projected Workloads. (Continued)

Information required		FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	
Total funds budgeted ($K)		30,075	8948						
Total funds received ($K)		0	0						
Budgeted In-House Workyears	Civ	260	225	225	225	225			R
	Mil	205	205	205	205	205			R
Actual In-House Workyears	Civ	0							
	Mil								
Budgeted contract personnel in your spaces	Workyears								
	Dollars		0						
Actual Contract Personnel in Your spaces	Workyears								
	Dollars								
Projected Contract Personnel in Your spaces	Workyears								
	Dollars								

UIC: Primary 62980 and various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

Historical and Projected Workloads. (Continued)

Information required		FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001
Total funds budgeted ($K)		30,075	8948					
Total funds received ($K)		0	0					
Budgeted In-House Workyears	Civ	260	235					
	Mil	205	205					
Actual In-House Workyears	Civ	0						
	Mil	205	205					
Budgeted contract personnel in your spaces	Workyears							
	Dollars		0					
Actual Contract Personnel in Your spaces	Workyears							
	Dollars							
Projected Contract Personnel in Your spaces	Workyears							
	Dollars							

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

2. **Personnel and space allocated to functions.** In the following table indicate the amount of space actually utilized by civilian, military, and on-site contractor personnel for these functions as of 31 December 1993. The totals should reflect all space used for administrative support. Space should be limited to occupiable space. Installation space does not include area for elevators, stairwells, mechanical/electrical rooms, bathrooms, and exterior wall thickness.

Function	Installation space (KSF)			
	Adequate	Substandard	Inadequate	Total
Management	107			107
Comptroller	4			4
Human resources				
Administrative services	425			425
Audio/visual services				
Automated data processing/automation services	10			10
Civilian personnel services				
Clubs				
Communications services				
Community support services				
Confinement and detention centers				
Custodial services				

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

Function	Installation space (KSF)			
	Adequate	Substandard	Inadequate	Total
Education services				
Engineering support				
Equipment operation, maintenance, and repair				
Explosive ordnance				
Facilities and real property support				
Facility maintenance and repair				
Finance and accounting				
Food services				
Health services				
Housing and lodging services				
Information services				
Installation retail supply and storage operations				
Laundry and dry cleaning				
Legal services				
Military personnel support				
Mobilization support				

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

Function	Installation space (KSF)			
	Adequate	Substandard	Inadequate	Total
Mortuary services				
Printing and reproduction				
Purchasing and contracting services				
Refuse collection and disposal				
Resource management				
Training services				
Transportation services				
Utilities				
Weather service				
Other support	37			37
Totals	583			583

The above table reflects space allocations for BUPERS, NAVMAC, NMPS and MWRTU in their current locations. Tenants relocating from other claimancies to Memphis are not included.

NOTE: In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means".

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

3. **Space available for expansion**. In the following table indicate space available for expansion.

This table reflects space available for expansion in Memphis. It takes into account buildings to be occupied by BUPERS and various tenant activities as well as the Base Transition Coordinators efforts to fill remaining space on the base.

Building type	NAVFAC (P-80) category code	Installation space (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Administrative facilities	610		199		
Administrative structures - underground	620				
Convert Training to Administrative	171		349		
Convert BEQ to Administrative	721		115		
Total			663		

4. **Expansion Potential.** If space is available for expansion as shown in the table described in question #3, answer the following questions.

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

a. What are the appropriate expansion uses of the available space for performing administrative support functions?

Relocation of other commands/functions (such as Enlisted Personnel Management Center, Naval Reserve Personnel Center, and Drug and Alcohol Program Management Activity, San Diego) that are compatible with BUPERS.

b. Are there any constraints such as parking, utilities, other environmental concerns that limit the potential for using available space by adding or expanding functions at this site?

There are no constraints that limit the potential for using available space at this site.

c. How much space reported in Question #3 above is currently available at minimal or no configuration costs. (Provide answer in thousands of square feet.)

There is no space available that would require little or no configuration costs. The majority of facilities in Memphis are designed for a training school command.

5. **Changes to space, personnel, or mission**. Since 1988 has there been any changes to space, personnel, or mission at your activity that directly and significantly impact the number of workyears performed? If so, explain below and give details (including numbers of personnel, square feet, etc.). N/A

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

6. **Housing and Messing**

a. 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.

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/400/721-14	208	61	208	26970				
BEQ/402/721-14	208	61	208	26790				
BEQ/403/721-14	208	61	208	26790				
BEQ/405/721-14	208	61	208	26790				
BEQ/406/721-14	208	61	208	26790				
BEQ/408/721-14	208	61	208	26790				
BEQ/409/721-14	208	61	208	26790				
BEQ/411/721-14	208	61	208	26790				
BEQ/412/721-14	208	61	208	26790				
BEQ/414/721-14	208	61	208	26790				

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

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/415/721-14	208	61	208	26790				
BEQ/417/721-14	208	61	208	26790				
BEQ/418/721-14	208	61	208	26790				
BEQ/420/721-14	208	61	208	26790				
BEQ/421/721-14	208	61	208	26790				
BEQ/423/721-14	208	61	208	26790				
BEQ/424/721-14	208	61	208	26790				
BEQ/426/721-14	208	61	208	26790				
BEQ/427/721-14	208	61	208	26790				
BEQ/429/721-14	123	41	123	21081				
BEQ/430/721-14	123	41	123	21081				
BEQ/431/721-14	123	41	123	21081				

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

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/433/721-14	123	41	123	21081				
BEQ/434/721-14	123	41	123	21081				
BEQ/435/721-14	123	41	123	21081				
BEQ/436/721-14	123	41	123	21081				
BEQ/438/721-14	123	41	123	21081				
BEQ/439/721-14	123	41	123	21081				
BEQ/440/721-14	123	41	123	21081				
BEQ/441/721-14	123	41	123	21081				
BEQ/442/721-14	123	41	123	21081				
BEQ/444/721-14	123	41	123	21081				
BEQ/445/721-14	123	41	123	21081				

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

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/446/721-14	123	41	123	21081				
BEQ/447/721-12	48	48	48	19124				
BEQ/448/721-12	100	100	100	42660				
BEQ/449/721-13	36	36	36	14256				
BEQ/450/721-12	36	36	36	14256				
BEQ/451/721-12	100	100	100	42660				
BEQ/452/721-12	48	48	48	19124				
BEQ/453/721-14	288	96	288	51779				
BEQ/454/721-14	216	72	216	42210				
BEQ/455/721-14	360	*	360	57328				
BEQ/456/721-14	360	*	360	57328				
BEQ/457/721-14	360	*	360	57350				

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

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/458/721-14	360	*	360	57350				
BOQ/88/721-11	48	48					48	18582
BOQ/599/721-11	82	82	82	53721				

*SEMI OPEN BAY

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:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Bldg. S-88 (CCN 724-11) is inadequate to house officers based on the adequacy criteria of NAVPERS 15606 (i. e., central head). This building is being used to house GOBs. There is no improvement funding program for this building because this building is scheduled to be demolished.

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

c. 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/599/724-11	82	82	82	53721				
BOQ/453/724-11	96	96	96	51779				
BOQ/454/724-11	72	72	72	42210				
BEQ/447/721-11	96	48	96*	19124				
BEQ/448/721-12	100	100	100*	42660				
BEQ/449/721-13	36	36	36*	14256				
BEQ/450/721-13	36	36	36*	14256				
BEQ/451/721-12	100	100	100*	42660				
BEQ/452/721-12	48	48	48*	19124				

*The number of beds was determined based on the following berthing requirements:

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

96 berthing spaces for E1-E4, 248 berthing spaces for E5-E6, 72 berthing spaces for E7-E9.

d. 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:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

e. 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	
Mess Hall 722-10 Bldg 499	44,200	800*	21,000					2600
* Rated as 3,150 person galley								

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

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

UIC: Primary 62980 and
various others

CAPACITY DATA CALL

ADMINISTRATIVE ACTIVITIES

g. 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	
Mess Hall 722-10 Bldg 499	44,200	800	21,000					500*
	*Presently plan to close down 4-25-97							

h. 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:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

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

R. J. ZLATOPER, VADM
NAME (Please type or print)

Signature

Chief of Naval Personnel
Title

04 JUN 1994
Date

Bureau of Naval Personnel
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

15 JUL 1994
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. W. HEINES
NAME (Please type or print)

Deborah W. Heines
Signature

Acting Director/Comptroller
Title

13 June 1994
Date

Bureau of Naval Personnel
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

H. C. MCKINNEY, RADM

NAME (Please type or print

Signature

CHIEF OF NAVAL PERSONNEL (ACTING)

Title

31 OCT 1994

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

W. A. EARNER

NAME (Please type of print

Signature

Title

11/3/94

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

H. C. MCKINNEY, RADM
NAME (Please type of print)

CHIEF OF NAVAL PERSONNEL (ACTING)
Title

BUREAU OF NAVAL PERSONNEL
Activity

HCMcKinney
Signature

31 OCT 1994
Date

-13

DATA CALL 66 UIC: 43322
INSTALLATION RESOURCES

Activity Information:

Activity Name:	PERSUPPDET Memphis
UIC:	43322
Host Activity Name (if response is for a tenant activity):	Naval Air Station Memphis
Host Activity UIC:	00639

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.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: PERSUPPDET Memphis		UIC: 43322	
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	23	836	859
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:	23	836	859
3. Grand Total (sum of 1c. and 2k.):	23	836	859

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:

Appropriation	Amount ($000)
O&MN	23
MPN	392
RPN	444

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 UIC: 43322
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: N/A; Not a DBOF Activity		UIC: 43322	
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.) :			

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 Memphis	**UIC: 43322**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	1
Material and Supplies (including equipment):	18
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	4
Total:	23

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 Memphis	**UIC: 43322**
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.**

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

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 GREAT LAKES UIC N68598
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
Activity

15 AUG 1994
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)

WAEarner
Signature

Title

8/25/94
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

N/A: DATA GENERATED AT THE CLAIMANT LEVEL

NAME (Please type of print) _____ Signature _____

Title _____ Date _____

Activity _____

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	NAVAL SUPPORT ACTIVITY (NSA) MILLINGTON
UIC:	00639
Host Activity Name (if response is for a tenant activity):	
Host Activity UIC:	00022 BUPERS

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NSA MILLINGTON		UIC: 00639	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	0	663	663
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	0	663	663
2. Other Base Operating Support Costs:			
2a. Utilities	855	67	922
2b. Transportation	0	48	48
2c. Environmental	0	330	330
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	1598	1598
2f. Bachelor Quarters	0	1508	1508
2g. Child Care Centers	0	640	640
2h. Family Service Centers	0	264	264
2i. Administration	0	3211	3211
2j. Other (Specify)	0	7424	7424
2k. Sub-total 2a. through 2j:	855	15090	15945
3. Grand Total (sum of 1c. and 2k.):	855	15753	16608

Other includes Military and Civilian Labor, Fire Department, Public Works, Supply, Security, Chaplain, and Drug and Alcohol Unit.

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:

Appropriation	Amount ($000)
OMN	8948
MPN	7660
TOTAL	16608

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

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

3. Depreciation	0	0	0
4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

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: NSA MILLINGTON	**UIC: 00639**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	0
Material and Supplies (including equipment):	0
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.): PURCHASE UTILITIES	855
Total:	855

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: NSA MILLINGTON	**UIC: 00639**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
Total Workyears:	0

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

* NAVCOMPT BUDGET SUBMIT FOR FY 1996 PROVIDES FUNDING FOR CIVILIAN SALARIES AND PURCHASED UTILITIES ONLY.

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

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

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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

* 1996 NAVCOMPT BUDGET FUNDS CIVILIAN SALARIES AND UTILITIES. RESOURCES ARE NOT AVAILABLE FOR CONTRACTOR SUPPORT.

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

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

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

* 1996 NAVCOMPT BUDGET FUNDS CIVILIAN SALARIES AND UTILITIES. RESOURCES ARE NOT AVAILABLE FOR OFF-BASE CONTRACTOR SUPPORT.

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER, VADM

NAME (Please type or print

Signature

CHIEF OF NAVAL PERSONNEL

Title

20 JUL 1994

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

W. A. EARNER

NAME (Please type of print

Signature

8/4/94

Title

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

T. L. WILLIS, CAPT, USN	T. L. Willis
NAME (Please type of print)	Signature
COMMANDING OFFICER	11 JULY 1994
Title	Date
NAS MEMPHIS	
Activity	

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	PCS Variance Component (PCSVC)
UIC:	60129
Host Activity Name (if response is for a tenant activity):	
Host Activity UIC:	

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

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

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: PCS Variance Component (PCSVC)		**UIC:60129**	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	0	0	0
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	0	0	0
2. Other Base Operating Support Costs:			
2a. Utilities	0	0	0
2b. Transportation	0	0	0
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	0	0	0
2j. Other (Specify)	0	0	0
2k. Sub-total 2a. through 2j:	0	0	0
3. Grand Total (sum of 1c. and 2k.):	0	0	0

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:

Appropriation	Amount ($000)
N/A	

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: PCS Variance Component (PCSVC)		**UIC:60129**	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	0
1c. Sub-total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2m. Sub-total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0
4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

DATA CALL 66
INSTALLATION RESOURCES

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected **FY 1996** costs for the purchase of services and supplies by the activity. **(Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited thead 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:PCS Variance Component (PCSVC)	**Uic: 60129**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	7K
Material and Supplies (including equipment):	0
Industrial Fund Purchases (other DBOF purchases):	692K
Transportation:	0
Other Purchases (Contract support, etc.):	81K
Total:	780K

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: PCS Variance Component (PCSVC)	**UIC:**60129
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
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

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

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

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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

N/A

DATA CALL 66
INSTALLATION RESOURCES

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

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

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

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER, VADM

NAME (Please type or print

Signature

CHIEF OF NAVAL PERSONNEL

Title

20 JUL 1994

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

W. A. EARNER

NAME (Please type of print

Signature

Title

8/4/94

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

John A. Lorincz
NAME (Please type of print)

John A. Lorincz
Signature

Director
Title

30 June 1994
Date

PCS Variance Component (PCSVC)
Activity

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Bureau of Naval Personnel
UIC:	N62980
Host Activity Name (if response is for a tenant activity):	Naval District Washington
Host Activity UIC:	N00171

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.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Bureau of Naval Personnel		**UIC:** N62980	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	0	0	0
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	0	0	0
2. Other Base Operating Support Costs:	0	0	0
2a. Utilities	298	0	298
2b. Transportation	0	0	0
2c. Environmental	0	0	0
2d. Facility Leases	5,573	0	5,573
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	0	0	0
2j. Other (Specify) Communication	5,869	0	5,869
2k. Sub-total 2a. through 2j:	11,740	0	11,740
3. Grand Total (sum of 1c. and 2k.):	11,740	0	11,740

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:

Appropriation	Amount ($000)
N/A	

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: Bureau of Naval Personnel		**UIC:** N62980	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	0
1c. Sub-total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2m. Sub-total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0
4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

DATA CALL 66
INSTALLATION RESOURCES

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

Table 2 - Services/Supplies Cost Data

Activity Name: Bureau of Naval Personnel	**UIC:** N62980
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	2,146
Material and Supplies (including equipment):	115
Industrial Fund Purchases (other DBOF purchases):	14,098
Transportation:	0
Other Purchases (Contract support, etc.):	62,063
Total:	78,422

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: Bureau of Naval Personnel	**UIC:** N62980
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
Total Workyears:	0

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

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

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

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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

N/A

DATA CALL 66
INSTALLATION RESOURCES

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

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

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

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER, VADM

NAME (Please type or print

Signature

CHIEF OF NAVAL PERSONNEL

Title

20 JUL 1994

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

W. A. EARNER

NAME (Please type of print

Signature

Title

8/4/94

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

A. M. LUCZYSZYN

NAME (Please type of print) | Signature

DIRECTOR/COMPTROLLER

Title | Date

BUREAU OF NAVAL PERSONNEL

Activity

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Bureau of Naval Personnel, (Pers-9)
UIC:	39329
Host Activity Name (if response is for a tenant activity):	(1.) Naval District Washington (Washington Navy Yard) (2.) Arlington Navy Annex (FB #2)
Host Activity UIC:	(1.) 00171 (2.) 62980

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.**

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

Activity Name: Bureau of Naval Personnel, (Pers-9) | **UIC: 39329**

Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	0	0	0
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	0	0	0
2. Other Base Operating Support Costs:			
2a. Utilities	0	0	0
2b. Transportation	5	0	5
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	250	1,545	1,795
2j. Other (Specify)	0	0	0
2k. Sub-total 2a. through 2j:	255	1,545	1,800
3. Grand Total (sum of 1c. and 2k.):	255	1,545	1,800

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:

Appropriation	Amount ($000)
1761806	$1,800

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

Table 1B - Base Operating Support Costs (DBOF Overhead)	
Activity Name: Bureau of Naval Personnel (Pers-9)	**UIC: 39329**

Category (Not Applicable)	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	0
1c. Sub-total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2. Sub-total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0

4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

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: Bureau of Naval Personnel, (Pers-9)	**UIC:** 39329

Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	76
Material and Supplies (including equipment):	10
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.):	169
Total:	255

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: Bureau of Naval Personnel, (Pers-9)	**UIC: 39329**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
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

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)):

Not Applicable

2) Estimated number of workyears which would be eliminated: Not Applicable

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):

Not Applicable

DATA CALL 66
INSTALLATION RESOURCES

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

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	Not applicable

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	Not Applicable

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER, VADM

NAME (Please type or print

Signature

CHIEF OF NAVAL PERSONNEL

Title

20 JUL 1994

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

W. A. EARNER

NAME (Please type of print

Signature

Title

8/4/94

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

Timothy G. Palmer
NAME (Please type or print)

Signature

ACNP FOR NAVAL RESERVE PERSONNEL
Title

01 July 1994
Date

Pers-9
Activity

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Navy Band Memphis
UIC:	41477
Host Activity Name (if response is for a tenant activity):	N/A
Host Activity UIC:	N/A 00022 BUPERS

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

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: Navy Band Memphis		**UIC:** 41477	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	0	0	0
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	0	0	0
2. Other Base Operating Support Costs:			
2a. Utilities	0	0	0
2b. Transportation	11	0	11
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	0	0	0
2j. Other (Specify)	0	0	0
2k. Sub-total 2a. through 2j:	11	0	11
3. Grand Total (sum of 1c. and 2k.):	11	0	11

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:

Appropriation	Amount ($000)
N/A	

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: Navy Band Memphis		**UIC:** 41477	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	0
1c. Sub-total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2m. Sub-total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0
4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

DATA CALL 66
INSTALLATION RESOURCES

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

Table 2 - Services/Supplies Cost Data

Activity Name: Navy Band Memphis	**UIC:** 41477
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	13
Material and Supplies (including equipment):	3
Industrial Fund Purchases (other DBOF purchases):	27
Transportation:	0
Other Purchases (Contract support, etc.):	11
Total:	54

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: Navy Band Memphis	**UIC:** 41477
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
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

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

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

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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

N/A

DATA CALL 66
INSTALLATION RESOURCES

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

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

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

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

FRANK L. BOWMAN, VADM

NAME (Please type or print

Signature

05 AUG 1994

CHIEF OF NAVAL PERSONNEL

Title

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

W. A. EARNER

NAME (Please type of print

Signature

8/9/94

Title

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

CW04 K. D. FITE
NAME (Please type of print)

Signature

Deputy Spec Asst for Music (Pers-6MM1)
Title

7/22/94
Date

BUPERS
Activity

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Navy Manpower Analysis Center (NAVMAC)
UIC:	63410
Host Activity Name (if response is for a tenant activity):	Naval Support Activity Memphis (Millington)
Host Activity UIC:	00639 00022 BUPERS

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.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Navy Manpower Analysis Center (NAVMAC)		**UIC:** 63410	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	0	0	0
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	0	0	0
2. Other Base Operating Support Costs:			
2a. Utilities	169	0	169
2b. Transportation	0	0	0
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	812	4,156	4,968
2j. Other (Specify)	1,642	0	1,642
2k. Sub-total 2a. through 2j:	2,623	4,156	6,779
3. Grand Total (sum of 1c. and 2k.):	2,623	4,156	6,779

3 **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:

Appropriation	Amount ($000)
N/A	

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: Navy Manpower Analysis Center (NAVMAC)		**UIC:** 63410	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	0
1c. Sub-total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2m. Sub-total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0
4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

DATA CALL 66
INSTALLATION RESOURCES

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

Table 2 - Services/Supplies Cost Data

Activity Name: Navy Manpower Analysis Center (NAVMAC)	**UIC:** 63410

Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	531
Material and Supplies (including equipment):	22
Industrial Fund Purchases (other DBOF purchases):	458
Transportation:	0
Other Purchases (Contract support, etc.):	1710
Total:	2721

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: Navy Manpower Analysis Center (NAVMAC)	**UIC:** 63410
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
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

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

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

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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

N/A

DATA CALL 66
INSTALLATION RESOURCES

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

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

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

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER, VADM

NAME (Please type or print

Signature

CHIEF OF NAVAL PERSONNEL

Title

20 JUL 1994

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

W. A. EARNER

NAME (Please type of print

Signature

Title

8/4/94

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

L. S. TAYLOR
NAME (Please type of print)

Signature

Commanding Officer
Title

07 JUL 1994
Date

Navy Manpower Analysis Center (NAVMAC)
Activity

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Naval Legal Service Office Detachment Memphis TN
UIC:	68367
Host Activity Name (if response is for a tenant activity):	Naval Air Station Memphis TN
Host Activity UIC:	00639

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

Table 1A – Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Naval Legal Service Office Detachment Memphis TN		**UIC: 68367**	
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	13.2		13.2
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify) Communications	3.6		3.6
2k. Sub-total 2a. through 2j:	16.8		16.8
3. Grand Total (sum of 1c. and 2k.):	16.8		16.8

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:

Appropriation	Amount ($000)
O&M,N	16.8

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

Table 1B – Base Operating Support Costs (DBOF Overhead)			
Activity Name: Naval Legal Service Office Detachment Memphis TN		UIC: 68367	
Category	FY 1996 Net Cost From UC/FUND–4 ($000)		
	Non–Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	0
1c. Sub–total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2m. Sub–total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0

4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

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 Legal Service Office Detachment Memphis TN	**UIC: 68367**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	
Material and Supplies (including equipment):	22.1
Industrial Fund Purchases (other DBOF purchases):	16.8
Transportation:	
Other Purchases (Contract support, etc.):	9.4
Total:	48.3

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: Naval Legal Service Office Detachment Memphis TN	**UIC: 68367**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
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

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

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

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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

N/A

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

C. M. Legrand, RADM, JAGC
NAME (Please type or print)

Signature

Commander, NAVLEGSVCCOM
Title

18 JULY 94
Date

Naval Legal Service Command
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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

Signature

Director
Title

8/2/94
Date

Field Support Activity
Activity

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

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

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

22 AUG 1994
Date

AoA
Heard
eng
N-4432
7/28/94

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	NAVAL AIR MAINTENANCE TRAINING GROUP
UIC:	63115
Host Activity Name (if response is for a tenant activity):	NAVAL AIR STATION, MEMPHIS
Host Activity UIC:	00639

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.**

AKA HEARD ONET 7/28/9

DATA CALL 66
INSTALLATION RESOURCES

SEE PAGE 2A

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name:		UIC:	
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			
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:			
3. Grand Total (sum of 1c. and 2k.):			

MCD
DONALDSON
N812
CNET
7-26-94

Table 1A - Base Operating Support Costs (Other Than OBOF Overhead)
Claimant :CNET

Activity Name: NAMTRAGRU MILLINGTON TN

UIC: 63115

Category	FY 1996 BOS Costs (#000) Non-Labor	Labor	Total
1. REAL PROPERTY MAINTENANCE COSTS:			
1a. Maintenance and Repair	0	0	0
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	0	0	0
2. OTHER BASE OPERATING COSTS:			
2a. Utilities	0	0	0
2b. Transportation	0	0	0
2c. Environmental	17	0	17
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	3	876	879
2j. Other	1	793	794
2k. Sub-total 2a. through 2j.	21	1669	1690
3. GRAND TOTAL (sum of 1c. and 2k.)	21	1669	1690

b. Funding Source

Appropriation:

O&M,N	173
MPN	1517

DATA CALL 66
INSTALLATION RESOURCES

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

Appropriation	Amount ($000)

SEE PAGE 2A

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..

NOT APPLICABLE - NOT A DBOF ACTIVITY

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name:		**UIC:**	
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

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:	**UIC:**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	
Material and Supplies (including equipment):	
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	
Total:	

See pages 5a - 5s

Table 2 - Services/Supplies Cost Data

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Total	BOS	MISSION	TOTAL
Travel	1	446	447
Material and Supplies (including equipment	2	1,730	1,732
Industrial Fund Purchases (other DBOF purchases)		279	279
Transportation			
Other purchases	26	218	244
Total	29*	2,673	2,702

* Be advised that 128K additional is required for hazardous waste/materials handling, drug and alcohol program assistants training and base visual information services (Photo Lab) operations, pest control, vehicle maintenance/fuel, utilities and trash pick-up.

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Memphis TN	BOS	MISSION	TOTAL
Travel	1	446	447
Material and Supplies (including equipment	2	540	542
Industrial Fund Purchases (other DBOF purchases)		241	241
Transportation			
Other purchases	26	123	149
Total	29	1,350	1,379

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Atsugi JA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		5	5
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases			
Total		5	5

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Camp Pendleton CA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		21	21
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases		6	6
Total		27	27

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Cecil Field FL	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		136	136
Industrial Fund Purchases (other DBOF purchases)		7	7
Transportation			
Other purchases		6	6
Total		149	149

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Cherry Point NC	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		136	136
Industrial Fund Purchases (other DBOF purchases)		4	4
Transportation			
Other purchases		8	8
Total		148	148

Activity Name: Naval Air Maintenance Training Group UIC: 63115

El Toro CA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		33	33
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases		3	3
Total		36	36

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Jacksonville FL	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		58	58
Industrial Fund Purchases (other DBOF purchases)		5	5
Transportation			
Other purchases		10	10
Total		73	73

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Lemoore CA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		124	124
Industrial Fund Purchases (other DBOF purchases)		15	15
Transportation			
Other purchases		4	4
Total		143	143

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Mayport FL	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		24	24
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases		3	3
Total		27	27

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Miramar CA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		150	150
Industrial Fund Purchases (other DBOF purchases)		1	1
Transportation			
Other purchases		12	12
Total		163	163

Activity Name: Naval Air Maintenance Training Group UIC: 63115

New River NC	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		15	15
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases		5	5
Total		20	20

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Norfolk VA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		67	67
Industrial Fund Purchases (other DBOF purchases)		2	2
Transportation			
Other purchases		4	4
Total		73	73

Activity Name: Naval Air Maintenance Training Group UIC: 63115

North Island CA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		157	157
Industrial Fund Purchases (other DBOF purchases)		2	2
Transportation			
Other purchases		8	8
Total		167	167

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Oceana VA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		128	128
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases		25	25
Total		153	153

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Rota SP	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		5	5
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases			
Total		5	5

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Tinker OK	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		24	24
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases			
Total		24	24

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Tustin CA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		23	23
Industrial Fund Purchases (other DBOF purchases)			
Transportation			
Other purchases			
Total		23	23

Activity Name: Naval Air Maintenance Training Group UIC: 63115

Whidbey Island WA	BOS	MISSION	TOTAL
Travel			
Material and Supplies (including equipment		85	85
Industrial Fund Purchases (other DBOF purchases)		1	1
Transportation			
Other purchases			
Total		86	86

A-A
HEARD
CNET
N-4432
7/28/94

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears

Activity Name: NAVAL AIR MAINTENANCE TRAINING GROUP	**UIC:** 63115
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
Total Workyears:	0

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

AOA
CNET
7/28/99

DATA CALL 66
INSTALLATION RESOURCES

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

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

0

2) Estimated number of workyears which would be eliminated:

0

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

AV-1
CNET
7/28/99

DATA CALL 66
INSTALLATION RESOURCES

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

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

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

Command: NAMTRAGRU

Data Call Number Sixty-Six

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

MAJOR CLAIMANT LEVEL

P. E. TOBIN	PEH
NAME	Signature
CNET	29 JUL 1994
Title	Date
CNET	
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.	JBGreene Jr.
NAME	Signature
ACTING	15 AUG 1994
Title	Date

Encl (2)

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

Bert U. Coffman

NAME (Please type or print)

Signature

Commanding Officer

Title

21 July 1994

Date

Naval Air Maintenance Training Group

Activity

Document Separator

513 R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**MEMPHIS NAS**
Unit Identification Code (UIC):	**NX2426**
Major Claimant:	**CHNAVPER**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1995	320T	MOD TO BLDGS 457/458	BRAC	6,200
1995	321T	INSTALLATION OF TELEPHONE CABLE *	BRAC	624
		Sub-Total - 1995		**6,824**
1996	322T	INSTALLATION OF TELEPHONE SWITCH	BRAC	5,010
1996	323T	BUILDING CONVERSION	BRAC	1,300
1996	324T	BUILDING CONVERSION	BRAC	7,400
		Sub-Total - 1996		**13,710**
1997	325T	BUILDING ALTERATIONS	BRAC	7,100
1997	326T	BUILDING ALTERATIONS	BRAC	23,000
		Sub-Total - 1997		**30,100**
		Grand Total		**50,634**

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)

Signature

CDR, CEC, USN
Title

9 Dec 94
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)

Signature

COMMANDER
Title

12/9/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER
NAME (Please type or print)

Signature

Title

12/7/94
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	MEMPHIS NAS
Unit Identification Code (UIC):	NX2426
Major Claimant:	CHNAVPER

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1995	321T	BUPERS HQ'S PHASE II	BRAC	1,128
		Sub-Total - 1995		**1,128**
1996	322T	INSTALLATION OF TELEPHONE SWITCH	BRAC	2,505
		Sub-Total - 1996		**2,505**
		Grand Total		**3,633**

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	MEMPHIS NAS
Unit Identification Code (UIC):	N00639
Major Claimant:	

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1996	323T	MOD TO BUILDING 789	BRAC	1,300
1996	324T	MOD TO BLDG 769	BRAC	7,400
		Sub-Total - 1996		**8,700**
1997	325T	MODS TO BUILDINGS 768 & C-1	BRAC	7,100
1997	326T	MOD TO BLDGS 784, 785, 791/SITE WORK	BRAC	23,000
		Sub-Total - 1997		**30,100**
		Grand Total		**38,800**

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)

Signature

COMMANDER
Title

7/13/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER
NAME (Please type or print)

Signature

Title

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

513

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Activity Name:	NAS Memphis BUPERS
UIC:	~~00639~~ 60022
Major Claimant:	BUPERS

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.

Encl (1)

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

General Instructions/Background (Continued):

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

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

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

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

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

1. Workforce Data

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$26,541

Source of Data (1.a. Salary Rate): NAS Memphis Comptroller UIC 00639

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			
Tiptonn	TN	48	73	17%	18	24
Shelby	TN	422	164	81%	8	15
Other	TN	8	10	2%	N/A	N/A

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2) Location of Government (DoD) Housing. If some employees of the base live in government housing, identify the county(s) where government housing is located:

Shelby

Source of Data (1.b. 1) & 2) Residence Data): Human Resource Office, Memphis Satellite; PSD Memphis

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	2	.7%
20 - 24 Years	1	.3%
25 - 34 Years	31	13%
35 - 44 Years	70	28%
45 - 54 Years	99	40%
55 - 64 Years	41	17%
65 or Older	3	1%
TOTAL	247	100 %

Source of Data (1.d.) Age Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. **Education Level of Civilian Workforce**

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	1	.3%
9th through 11th Grade	2	.7%
12th Grade or High School Equivalency	146	59%
1-3 Years of College	57	23%
4 Years of College (Bachelors Degree)	25	10%
5 or More Years of College (Graduate Work)	16	7%
TOTAL	247	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	6
Associate Degree	19
Bachelor Degree	26
Masters Degree	13
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Human Resources Office, Memphis Satellite

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	3	1
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	5	2
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	1	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	9	3
5. Services	70-89		
5a. Lodging Services	70	7	3
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	71	29
5d. Automotive Repair and Services	75	2	1
5e. Other Misc. Repair Services	76	2	1
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	7	3
5h. Health Services	80	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5i. Legal Services	81	2	1
5j. Educational Services	82	21	8
5k. Social Services	83	14	6
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	36	14
5n. Other Misc. Services	89	20	8
Sub-Total 5a. through 5n.:	70-89	182	74
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	1	0
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	51	21
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	4	2
Sub-Total 6a. through 6d.		56	23
TOTAL		247	100 %

Source of Data (1.f.) Classification By Industry Data): Human Resources Office, Memphis Satellite

DATA CALL 65
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.

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	48	19%
2. Professional Specialty		
2a. Engineers	8	3
2b. Architects and Surveyors	1	0
2c. Computer, Mathematical & Operations Research	1	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	7	3
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	10	4
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2m. Communications	2	1
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	29	11
3. Technicians and Related Support		
3a. Health Technologists and Technicians	2	1
3b. Other Technologists	36	15
Sub-Total 3a. and 3b.:	38	16
4. Administrative Support & Clerical	72	29
5. Services		
5a. Protective Services (includes guards, firefighters, police)	46	19
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	46	19
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	5	2
8. Construction Trades	0	0
9. Production Occupations	4	2
10. Transportation & Material Moving	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	5	2
TOTAL	247	100 %

Source of Data (1.g.) Classification By Occupation Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$30,200

Source of Data (1.a. Salary Rate): DEFENSE FINANCE ACCOUNTING SERVICE UIC 43290

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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			
Tipton	TN	0	1	33.33	8	15
Shelby	TN	0	2	66.66	13	30

= 100%

Source of Data (1.b. 1) & 2) Residence Data): Director Defense Finance and Accounting Service (DFAS) Defense Accounting Office, Cleveland Center Memphis Division

City	County	Distance from base (miles)
Memphis	Shelby	5

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

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	0	0
25 - 34 Years	0	0
35 - 44 Years	0	0
45 - 54 Years	1	33%
55 - 64 Years	2	67%
65 or Older	0	0
TOTAL	3	100 %

Source of Data (1.d.) Age Data): Director Defense Finance and Accounting Service (DFAS) Defense Accounting Office, Cleveland Center Memphis Division

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. **Education Level of Civilian Workforce**

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	0	0
1-3 Years of College	3	100%
4 Years of College (Bachelors Degree)	0	0
5 or More Years of College (Graduate Work)	0	0
TOTAL	3	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	0
Associate Degree	3
Bachelor Degree	0
Masters Degree	0
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Director Defense Finance and Accounting Service (DFAS) Defense Accounting Office, Cleveland Center Memphis Division

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	3	100%
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	3	100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
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	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	0
TOTAL		3	100 %

Source of Data (1.f.) Classification By Industry Data): Director Defense Finance and Accounting Service (DFAS) Defense Accounting Office, Cleveland Center Memphis Division

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	0	0
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	3	100%
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	3	100%
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	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	3	100 %

Source of Data (1.g.) Classification By Occupation Data): Director Finance and Accounting Service (DFAS) Defense Accounting Office, Cleveland Center Memphis Division

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$23,553.50

Source of Data (1.a. Salary Rate): Officer in Charge Branch Dental Clinic UIC 41776

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			
Tipton	TN	1	1	5%	18	24
Shelby	TN	35	1	95%	5	10

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): Officer In Charge Branch Dental Clinic, NAS Memphis; PSD Memphis

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	0	0
35 - 44 Years	1	50%
45 - 54 Years	1	50%
55 - 64 Years	0	0
65 or Older	0	0
TOTAL	2	100 %

Source of Data (1.d.) Age Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Education Level of Civilian Workforce

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	1	50%
1-3 Years of College	1	50%
4 Years of College (Bachelors Degree)	0	0
5 or More Years of College (Graduate Work)	0	0
TOTAL	2	100 %

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	1
Associate Degree	1
Bachelor Degree	0
Masters Degree	0
Doctorate	0

Source of Data (1.e.1) and 2) Education Level Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	0	0
4g. Utilities	49	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	0	0
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	2	100%
5i. Legal Services	81	0	0
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	2	100%
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	0
TOTAL		2	100 %

Source of Data (1.f.) Classification By Industry Data): Officer In Charge, Branch Dental Clinic NAS Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	0	0
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	1	50%
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	1	50%
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	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	1	50%
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	1	50%
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	2	100 %

Source of Data (1.g.) Classification By Occupation Data): Officer In Charge, Branch Dental Clinic, NAS Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$36,440.31

Source of Data (1.a. Salary Rate): Human Resources Office, Memphis Satellite UIC 68322

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			
Tipton	TN	0	4	33%	18	24
Shelby	TN	0	8	67%	8	15

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): Human Resources Office, Memphis Satellite

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	0	0
35 - 44 Years	5	42%
45 - 54 Years	3	25%
55 - 64 Years	3	25%
65 or Older	1	8%
TOTAL	12	100 %

Source of Data (1.d.) Age Data): Human Resources Officer, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Education Level of Civilian Workforce

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	7	59%
1-3 Years of College	4	33%
4 Years of College (Bachelors Degree)	1	8%
5 or More Years of College (Graduate Work)	0	0
TOTAL	12	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	1
Associate Degree	1
Bachelor Degree	1
Masters Degree	0
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Human Resources Officer, Memphis Satellite

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	0	0
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	12	100%
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		12	100%
TOTAL		12	100 %

Source of Data (1.f.) Classification By Industry Data): Human Resources Officer, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	8	67%
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	0	0
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	4	33%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	12	100 %

Source of Data (1.g.) Classification By Occupation Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$30,150

Source of Data (1.a. Salary Rate): Officer in Charge, Naval Legal Service Office Det Memphis UIC 68367

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			
Shelby	TN	15	2	90%	8	15
Tipton	TN	1	0	5%	18	24
Davidson	TN	1	0	5%	200	180

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): **Officer In Charge NLSO DET Memphis**

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	1	50%
35 - 44 Years	0	0
45 - 54 Years	0	0
55 - 64 Years	1	50%
65 or Older	0	0
TOTAL	2	100 %

Source of Data (1.d.) Age Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. **Education Level of Civilian Workforce**

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	0	0
1-3 Years of College	2	100%
4 Years of College (Bachelors Degree)	0	0
5 or More Years of College (Graduate Work)	0	0
TOTAL	2	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	0
Associate Degree	1
Bachelor Degree	0
Masters Degree	0
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Human Resources Office, Memphis Satellite

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	0	0
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	2	100%
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	2	100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
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	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	0
TOTAL		2	100 %

Source of Data (1.f.) Classification By Industry Data): Officer In Charge NLSO DET Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	0	0
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	0	0
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	2	100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	2	100 %

Source of Data (1.g.) Classification By Occupation Data): Officer In Charge, NLSO DET Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$22,064.55

Source of Data (1.a. Salary Rate): Officer In Charge, PERSUPPDET Memphis UIC 43322

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				
Tipton	TN	7	27	29%	18	24	R
Shelby	TN	42	36	68%	8	15	R
Fayette	TN		1	1%	40	45	
Haywood	TN	1		1%	40	45	
Chester	TN	1		1%	150	125	

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): Human Resources Office, Memphis Satellite; PSD Memphis

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees	
16 - 19 Years	0	0	
20 - 24 Years	0	0	
25 - 34 Years	8	13%	R
35 - 44 Years	25	39%	R
45 - 54 Years	22	34%	R
55 - 64 Years	9	14%	R
65 or Older	0	0	
TOTAL	64	100 %	R

Source of Data (1.d.) Age Data): Human Resources Office, Memphis Satellite

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	0	0	
9th through 11th Grade	1	2%	
12th Grade or High School Equivalency	44	68%	R
1-3 Years of College	18	28%	R
4 Years of College (Bachelors Degree)	1	2%	
5 or More Years of College (Graduate Work)	0	0	
TOTAL	64	100%	R

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.)	1
Associate Degree	6
Bachelor Degree	1
Masters Degree	
Doctorate	

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Human Resources Office, Memphis Satellite

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	2	3%
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	2	3%
5. Services	70-89		
5a. Lodging Services	70	0	0
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	0	0
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	3	5%
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	31	48%
Sub-Total 5a. through 5n.:	70-89	34	53%
6. Public Administration	91-97		

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
6a. Executive and General Government, Except Finance	91	0	0
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	0	0
6c. Public Finance	93	28	44%
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		28	44
TOTAL		64	100%

R

Source of Data (1.f.) Classification By Industry Data): Officer In Charge, PERSUPPDET MEMPHIS

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	0	0
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	0	0
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	64	100%

R

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	64	100 %

Source of Data (1.g.) Classification By Occupation Data): Officer In Charge, PERSUPPDET Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$38,400

Source of Data (1.a. Salary Rate): Acting Resident Officer In Charge of Construction NAS Memphis UIC 44221

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			
Tipton	TN		1	11%	18	24
Shelby	TN	1	7	89%	8	15

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): Acting ROICC, NAS Memphis

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	0	0
35 - 44 Years	3	38%
45 - 54 Years	2	25%
55 - 64 Years	2	25%
65 or Older	1	12%
TOTAL	8	100 %

Source of Data (1.d.) Age Data): Acting ROICC, NAS Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. **Education Level of Civilian Workforce**

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	2	25%
1-3 Years of College	3	38%
4 Years of College (Bachelors Degree)	2	25%
5 or More Years of College (Graduate Work)	1	12%
TOTAL	8	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	0
Associate Degree	0
Bachelor Degree	2
Masters Degree	1
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Acting ROICC, NAS Memphis

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	8	100%
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	0	0
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
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	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	0
TOTAL		8	100 %

Source of Data (1.f.) Classification By Industry Data): Acting ROICC, NAS Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	5	63%
2. Professional Specialty		
2a. Engineers	2	25%
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	2	25%
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	1	12%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	8	100 %

Source of Data (1.g.) Classification By Occupation Data): Acting ROICC, NAS Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$27,000

Source of Data (1.a. Salary Rate): Education Services Officer, Navy Campus NAS Memphis UIC 63325

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			
Shelby	TN		3	100%	8	15

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): Education Services Officer, Navy Campus, NAS Memphis

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	1	33.3%
35 - 44 Years	1	33.3%
45 - 54 Years	0	0
55 - 64 Years	1	33.3%
65 or Older	0	0
TOTAL	3	100 %

Source of Data (1.d.) Age Data): Education Services Officer, Navy Campus, NAS Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. **Education Level of Civilian Workforce**

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	1	33.3%
1-3 Years of College	0	0
4 Years of College (Bachelors Degree)	1	33.3%
5 or More Years of College (Graduate Work)	1	33.3%
TOTAL	3	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	0
Associate Degree	0
Bachelor Degree	1
Masters Degree	1
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Education Services Officer, Navy Campus, NAS Memphis

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	0	0
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	3	100%
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	3	100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
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	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	0
TOTAL		3	100 %

Source of Data (1.f.) Classification By Industry Data): Education Services Officer, Navy Campus, NAS Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	0	0
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	3	100%
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	3	100%
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	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	3	100 %

Source of Data (1.g.) Classification By Occupation Data): Education Services Officer, Navy Campus, NAS Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$57,500

Source of Data (1.a. Salary Rate): Resident Agent-In-Charge Naval Criminal Investigative Service Resident Agency UIC 42937

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			
Shelby	TN		9	90%	8	15
Maury	TN		1	10%	200	180

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): Resident Agent-In-Charge Naval Criminal Investigative Service Resident Agency

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	1	10%
35 - 44 Years	5	50%
45 - 54 Years	4	40%
55 - 64 Years	0	0
65 or Older	0	0
TOTAL	10	100 %

Source of Data (1.d.) Age Data): Resident Agent-In-Charge Naval Criminal Investigative Service Resident Agency

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	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	1	10%
1-3 Years of College	1	10%
4 Years of College (Bachelors Degree)	7	70%
5 or More Years of College (Graduate Work)	1	10%
TOTAL	10	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	0
Associate Degree	0
Bachelor Degree	7
Masters Degree	1
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Resident Agent-In-Charge Naval Criminal Investigative Service Resident Agency

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	0	0
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	10	100%
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	0
TOTAL		10	100 %

Source of Data (1.f.) Classification By Industry Data): Resident Agent-In-Charge Naval Criminal Investigative Service Resident Agency

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	1	10%
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	0	0
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	2	20%

R

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	7	70%
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	7	70%
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	10	100 %

Source of Data (1.g.) Classification By Occupation Data): Resident Agent-In-Charge Naval Criminal Investigative Service Resident Agency

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$27,406

Source of Data (1.a. Salary Rate): Commanding Officer, Naval Air Reserve Memphis UIC 63101

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			
Tipton	TN	10	7	23%	18	24
Shelby	TN	50	6	76%	8	15
Hardeman	TN	1	0	1%	70	105

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): Human Resources Office, Memphis Satellite; PSD Memphis

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	1	8%
35 - 44 Years	2	15%
45 - 54 Years	7	54%
55 - 64 Years	3	23%
65 or Older	0	0
TOTAL	13	100 %

Source of Data (1.d.) Age Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Education Level of Civilian Workforce

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	8	61%
1-3 Years of College	4	31%
4 Years of College (Bachelors Degree)	1	8%
5 or More Years of College (Graduate Work)	0	0
TOTAL	13	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	0
Associate Degree	1
Bachelor Degree	1
Masters Degree	0
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Human Resources Office, Memphis Satellite

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	3	23%
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	4	31%
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	1	8%
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	5	38%
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	13	100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
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	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	0
TOTAL		13	100 %

Source of Data (1.f.) Classification By Industry Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	1	8%
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	1	8%
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	1	8%
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	1	8%
Sub-Total 3a. and 3b.:	1	8%
4. Administrative Support & Clerical	6	45%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	4	31%
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	13	100 %

Source of Data (1.g.) Classification By Occupation Data): Human Resources Office Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate: NAVRESREDCOM REG-NINE UIC 68346	$28,889.73

Source of Data (1.a. Salary Rate): Human Resources Office, Memphis Satellite for NAVRESREDCOM REG-NINE

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			
Tipton	TN	4	2	15%	18	24
Shelby	TN	23	9	82%	8	15
Mississippi	TN	1	0	3%	70	80

= 100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): **Martha Rudd, NAVRESREDCOM REG-NINE; PSD Memphis**

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	1	9%
35 - 44 Years	5	46%
45 - 54 Years	3	27%
55 - 64 Years	2	18%
65 or Older	0	0
TOTAL	11	100 %

Source of Data (1.d.) Age Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. **Education Level of Civilian Workforce**

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	7	64%
1-3 Years of College	3	27%
4 Years of College (Bachelors Degree)	0	0
5 or More Years of College (Graduate Work)	1	9%
TOTAL	11	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	0
Associate Degree	0
Bachelor Degree	0
Masters Degree	1
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Human Resources Office, Memphis Satellite

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	0	0
5. Services	70-89		
5a. Lodging Services	70	0	0
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	7	64%
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	4	36%
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	11	100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
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	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	
TOTAL		11	100 %

Source of Data (1.f.) Classification By Industry Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	2	18%
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	0	0
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	3	27%
Sub-Total 3a. and 3b.:	3	27%
4. Administrative Support & Clerical	6	55%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	11	100 %

Source of Data (1.g.) Classification By Occupation Data): Human Resources Office, Memphis Satellite

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$ N/A

Navy Band Memphis does not have any civilians, therefore only the following table was completed.

Source of Data (1.a. Salary Rate): Navy Band Memphis UIC 41477

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			
Tipton	TN	8	0	27%	18	24
Shelby	TN	22	0	73%	8	15

= 100%

Source of Data (1.b. 1) & 2) Residence Data): Director, Navy Band Memphis

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Average Appropriated Fund Civilian Salary Rate:	$25,228

Source of Data (1.a. Salary Rate): Defense Commissary Agency (DECA) UIC 49025

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			
Shelby	TN	13	N/A	100%	8	15

* NOTE: The N/A stands for not available. The information on the number of civilian employees residing in Shelby County was not available from the Defense Commissary Agency (DECA). R

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): **PSD Memphis**

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)
Memphis	Shelby	5

Source of Data (1.c. Metro Areas): Larry Henson - Memphis Area Chamber of Commerce

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	6	11%
35 - 44 Years	18	33%
45 - 54 Years	22	41%
55 - 64 Years	8	15%
65 or Older	0	0
TOTAL	54	100 %

Source of Data (1.d.) Age Data): Commissary Officer

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	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	27	50%
1-3 Years of College	23	43%
4 Years of College (Bachelors Degree)	3	6%
5 or More Years of College (Graduate Work)	1	1%
TOTAL	54	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	29
Associate Degree	8
Bachelor Degree	4
Masters Degree	0
Doctorate	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Commissary Officer

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	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	54	100%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	54	100%
5. Services	70-89		
5a. Lodging Services	70	0	0
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	0	0
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	0	0
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	0	0
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	0	0
6. Public Administration	91-97		

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
6a. Executive and General Government, Except Finance	91	0	0
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	0	0
Sub-Total 6a. through 6d.		0	0
TOTAL		54	100 %

Source of Data (1.f.) Classification By Industry Data): Commissary Officer

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	3	6%
2. Professional Specialty		
2a. Engineers	0	0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	0	0
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	17	31%
Sub-Total 3a. and 3b.:	17	31%
4. Administrative Support & Clerical	5	9%

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	29	54%
TOTAL	54	100 %

Source of Data (1.g.) Classification By Occupation Data): Commissary Officer

DATA CALL 65
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:	not available	
2. Percentage of Military Spouses Who Work Outside of the Home:	not available	
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".		
3a. Employed "On-Base" - Appropriated Fund:	not available	R
3b. Employed "On-Base" - Non-Appropriated Fund:	not available	R
3c. Employed "Off-Base" - Federal Employment:	not available	R
3d. Employed "Off-Base" - Other Than Federal Employment	not available	R

Source of Data (1.h.) Spouse Employment Data): Deputy Director, Family Service Center NAS Memphis

*NOTE: This information was not available from the Family Service Center. R

DATA CALL 65
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
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	A	B	B
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	B
Public Transportation - Buses/Subways	N/A	N/A	N/A
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	A	B
Police	A	A	B
Health Care Facilities	A	A	B
Utilities:			
Water Supply	A	A	B
Water Distribution	A	A	B
Energy Supply	A	A	B
Energy Distribution	A	A	B
Wastewater Collection	A	A	B
Wastewater Treatment	A	A	B
Storm Water Collection	A	A	B
Solid Waste Collection and Disposal	A	A	B
Hazardous/Toxic Waste Disposal	A	A	B
Recreational Activities	A	B	B

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

DATA CALL 65
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.

Source of Data (2.a. 1) & 2) - Local Community Table): Dr. Rhetta Massey - Shelby County School Board Head of Research and Planning; Rick Grant - Director Millington Industrial Development Board; Rodger Aitken - General Engineer, NAS Public Works Department.

DATA CALL 65
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	A	B	B
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	B
Public Transportation - Buses/Subways	N/A	N/A	N/A
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	A	B
Police	A	A	B
Health Care Facilities	A	A	B
Utilities:			
Water Supply	A	A	B
Water Distribution	A	A	B
Energy Supply	A	A	B
Energy Distribution	A	A	B
Wastewater Collection	A	A	B
Wastewater Treatment	A	A	B
Storm Water Collection	A	A	B
Solid Waste Collection and Disposal	A	A	B
Hazardous/Toxic Waste Disposal	A	A	B
Recreation Facilities	A	B	B

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

DATA CALL 65
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.

Source of Data (2.b. 1) & 2) - Regional Table): Dr. Massey - Shelby County School Board, Head of Research and Planning; Rick Grant - Director, Millington Industrial Development Board; Rodger Aitken - General Engineer, NAS Public Works Department.

DATA CALL 65
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: 5.5%

Units for Sale: 8,000

Source of Data (3.a. Off-Base Housing): Bob Fietz - Board of Realtors

DATA CALL 65
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? *
		Element-ary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Shelby County	Shelby	24	7	8	41,261	(a)	(b)	1:30	yes
Tipton County	Tipton	4	2	2	7,950	8,180	(c)	(d)	no
Covington City	Tipton	1	0	0	1,074	1,100	1:24	1:30	no
Memphis City	Shelby	100	21	29	105,576	N/A	(e)	exceeded	no

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

(a) The Shelby County School District has a current enrollment of over 41,000 and has been growing at a rate of 4%-5% for the past 5-6 years. Four (4) new elementary schools opened by August 1993, which provided over 200 additional classrooms for the system. Also in August 1993, about 600-700 students were lost to the system through annexation by the City of Memphis. As a result, the system will reduce the number (111) of portable classrooms that have been in use.

(b) Shelby County Current Ratio Grades K-3 1/25
Grade 4 1/28
Grades 5-6 1/30
Grades 7-8 1/35
Grades 9-12 1/21-22

(c) Tipton County Current Ratio Grades K-3 1/25
Grade 4 1/28
Grades 5-6 1/30
Grades 7-12 1/35

(d) Tipton County Maximum Ratio Grades K-3 1/28
Grade 4 1/31
Grades 5-6 1/33
Grades 7-12 1/38

(e) Memphis City Current Ratio Grades K-3 1/23
Grades 4-6 1/25
Grades 7-12 1/30

Source of Data (3.b.1) Education Table): Dr. Rhetta Massey, Director Research & Planning, Shelby County School System; Tim Fite, Superintendent of Tipton County Schools; Clayton Haynes, Assistant Principal, Covington City School; James Paavola, Division of Pupil Services, Memphis City Schools.

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

N/A

Source of Data (3.b.2) On-Base Schools):

DATA CALL 65
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 :

Shelby State Community College
State Technical Institute at Memphis
Christian Brothers University
LeMoyne-Owen College
Memphis State University
Crichton College
Southern College of Optometry
Rhodes College
University of Tennessee Center for Health Sciences
Harding Graduate School of Religion

Source of Data (3.b.3) Colleges): Memphis College Consortium

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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:

Memphis Area Vocational-Technical School:

Air Conditioning & Refrigeration
Auto Body Repair/Mechanics/Diesel Mechanics
Aviation Mechanics, Airframes & Powerplants
Boilermaker (TVA)
Bookkeeping/Clerk-Typing/Keypunch/Data Entry/Stenography-Secretary
Commercial Art
Commercial Sewing/Furniture Upholstery
Cosmetology
Dental Assistant/Technician
Drafting/Offset Printing
Dry Cleaning
Food Service Operation & Management
Industrial Electricity/Electronics
Instrumentation Mechanics
Lithographic Photography
Machine Shop
Medical Laboratory Technician-Certified
Respiratory Therapy Technician
Sales & Marketing
Small Gas Engine Mechanics
Welding

State Area Vocational-Technical School (Covington, TN):

Heating Ventilation Air-Conditioning & Refrigeration
Auto Mechanics
Basic Skills/GED Prep
Industrial Maintenance
Machine Shop
Metal Fabrication
Office Occupations
Practical Nursing

Source of Data (3.b.4) Vo-tech Training): Memphis Vocational Information Center

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:	X	
Rail:		X
Subway:		X
Ferry:		X

Source of Data (3.c.1) Transportation): Millington Industrial Board

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.

Memphis - AMTRAC - 15 miles

Source of Data (3.c.2) Transportation): Millington Industrial Board

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.

Memphis International Airport - 20 Miles with the following airlines: AMERICAN, DELTA, NORTHWEST, TRANSWORLD EXPRESS, UNITED, USAIR, VALUET, and NORTHWEST AIRLINE

Source of Data (3.c.3) Transportation): Millington Industrial Board

4) How many carriers are available at this airport?

Eight Passenger and Twenty Five Air Freight.

Source of Data (3.c.4) Transportation): Millington Industrial Board; Greater Memphis Area Yellow Pages

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (3.c.4) Transportation): Millington Industrial Board; Greater Memphis Area Yellow Pages

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

Interstates 40 and 55 which are both eight miles away.

Source of Data (3.c.5) Transportation): Millington Industrial Board

6) Access to Base:

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

The road system provides excellent access to the base, especially during peak periods. Because of the location in relation to Memphis, the predominant flow for the base is counter to the flow for Memphis; enhancing service levels for the base. There are six gates and no congestion problems.

b) Do access roads transit residential neighborhoods?

Access roads transit a few residential neighborhoods; however, the majority of the road systems do not have an impact on residential neighborhoods.

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

In addition to the specific information requested, the following information is provided regarding the Memphis Regional Transportation System:

During the past two decades, Memphis has come to be recognized as one of the country's most vibrant transportation and distribution centers. Ideally located on the Mississippi River

at the intersection of much of the nation's north/south and east/west shipping traffic. Memphis is now the sixth largest distribution center in the country.

The Memphis-Shelby County International Airport is the center of air traffic in the region. Memphis International is a large hub airport with eight passenger airlines and 25 air freight companies operating from its complex. It is a major domestic hub for Northwest Airlines and also serves as the headquarters for Federal Express Corporation and its "superhub" facilities.

Memphis is ideally situated as a road transportation center. More than 60 percent of the United States population can be reached overnight from Memphis via truck.

Memphis is served by six railroads which operate in the city as a single system, allowing shipments to be easily - and economically - interchanged. A wide variety of transfer options are available to shippers.

Memphis is part of an integral network of 25,000 miles of navigable waterways. A number of major shipping and storage facilities are located at the River Port of Memphis.

Source of Data (3.c.6) Transportation): Rodger Aitken, Base Traffic Engineer; Memphis Phone Directory Community Pages.

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.

The Naval Air Station Memphis, Millington, Tennessee has mutual aid agreements with the County of Shelby, Tennessee and the City of Millington, Shelby County, Tennessee. The parties may respond to calls for fire, emergency medical services or technical support assistance only upon request for such assistance made by the duly authorized senior official on-duty of the fire department or division of the respective jurisdiction.

Hazardous materials incidents are handled by the Fire/Crash Department, Naval Air Station Memphis. Hazardous Materials Response Unit of the Department identifies, controls, and contains. Clean up and disposal of hazardous substances and materials is handled by the Public Works Department through the Base Operating Services contract.

Source of Data (3.d. Fire/Hazmat): Charles Peters, NAS Memphis Fire Chief; Mutual Aid Agreements N00639-88190-001 and N00639-88190-002

e. **Police Protection.**

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

Exclusive Federal Jurisdiction.

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.

No. However, concurrent with local authorities for summons and subpoenas.

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

No.

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.

N/A

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.

N/A

Source of Data (3.e. 1) - 5) - Police): LT Bogle, NAS Memphis Security Officer

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.

NAS Memphis has contracts with various utility providers as follows:

Refuse Disposal

Basewide Refuse Disposal - Contract with Military Waste Management (Private Company) for specified schedule of dumpster pickups.

Housing Area Refuse Disposal - Contract with Maclin Disposal (Private Company) for specified schedule of pickups.

Wet Garbage Disposal - Contract with Maclin Disposal (Private Company) for specified schedule of pickups of wet garbage at food preparation sites.

In addition to the above described contracts, NAS Memphis has a contract with Browning Ferris Industries (BFI) for personnel in government vehicles to dispose of materials not included in the above contracts in the BFI landfill on a per ton basis.

Sewage Treatment

Base sewage enters the Millington sewer system through a meter and is treated by Millington Wastewater Treatment plant under a utility services contracts.

Electrical Power

Electrical Power is provided by Tennessee Valley Authority (TVA) and Memphis Light Gas and Water Division (MLG&W) under utility services contracts.

Natural Gas

Natural gas is provided by MLG&W under a utility services contract.

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.

3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact.

No.

Source of Data (3.f. 1) - 3) Utilities): Rodger Aitken, NAS Memphis Public Works Department Facility Planner

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Employer	Product/Service	No. of Employees
1. Federal Express Corporation	Package Shipment	18,831
2. Naval Air Station Memphis	Department of Defense	16,859
3. United States Government	Federal Government	15,036
4. Memphis City Board of Education	Education	13,992
5. Memphis City Government	City Government	7,786
6. Baptist Memorial Hospital	Health	7,037
7. Shelby County Government	County Government	6,065
8. Methodist Hospitals	Health	5,000
9. Kroger Company	Subsistence	4,810
10. University of Tennessee - Memphis	Education	3,800

Source of Data (4. Business Profile): 1992 Memphis Area Chamber of Commerce Directory

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

a. Loss of Major Employers:

Employer	# of Employees
Goldsmiths	600
Sears	540
Zayre	500
Mr. Christmas	350
P.I.E. International	350
Stroh's	350
Rachels Industries	350
Carrier Corporation	300
Decor Noel	300
W. R. Grace	270

b. Introduction of New Businesses/Technologies:

AMERICAN PRESIDENT COMPANIES will locate most of 60 jobs from its Oakland, CA. headquarters to Memphis. American President is a loading worldwide provider of container transportation services, using a network of railroads, trucks and ocean-going container shippers.

AIR EXPRESS INTERNATIONAL, a freight-forwarding company is building a custom facility at the Distriplex Center in the Airport Industrial Park. The 10,000 sq. ft. facility will house their export, import and surface-rate office.

C F MOTOR FREIGHT will close its consolidation center in Jackson, MS. and shift jobs to its Memphis operations. This move is expected to add about 150 jobs in Memphis, where CF employs 485.

DAISY-TEK, a Dallas-based computer supply company, has opened a 100,000 sq. ft. major distribution operation in Southpark.

FAMILY DOLLAR STORES, INC. will build a large distribution center (532,000 sq. ft.) and will employ about 300 in West Memphis. 75 acres for this facility have been purchased which includes room for future expansion.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

FEDERAL EXPRESS CORPORATION is adding 36,000 sq. ft. to its flight training building at 3040 Sprankel Avenue. This two-story, $4 million addition will have an airbus A 30-600 simulator, which will help train several hundred pilots to fly the 25 airbuses owned by Federal Express.

GREAT DANE TRAILERS' expansion of three plants will increase employment at each manufacturing site. A new production line in Memphis will require an additional 80 skilled employees. A large percentage of the new employees will be welders.

LEAF, INC. is halfway through a $38 million expansion and overhaul of its Memphis plant. Their present workforce of 555 is expected to grow within the next year to 725.

LION CORPORATION, a major Japanese consumer products company, has chosen Memphis as its U.S. Headquarters. The production of Check-Up Liquid Fluoride Toothpaste began in 1992.

MCI SERVICES has added 100 new part-time and full-time positions at its telemarketing center in Memphis, bringing the total number of employees to 900.

PAAS, a holiday products brand of Schering-Plough Health Care Products will close its plant in Illinois and consolidate its operations in Memphis, allowing them to increase efficiencies in production and distribution.

SOUTHERN FABRICATORS, INC., a steel processor plans a $2.3 million expansion of its plant at Hungerford Road creating up to 150 additional jobs.

THOMAS & BETTS now employs more than 800 at the Memphis headquarters of its electrical division, Southaven factory and Byhalia distribution center. Another 150 will be hired locally.

c. Natural Disasters:

In 1987 the City of Millington experienced a flood. Since that time many improvements have been accomplished to alleviate this problem. A levee that extends from Highway 51 Northeast to the ICC Railroad on Big Creek Drainage Canal was completed in 1990. In 1988 and 1989 the Shelby County Government cleaned and snagged the Big Creek Drainage Canal that extends from the City of Millington to the Loosahatchie. A dry lake system is currently under construction. This system is being installed just north of the city limits on North Fork Creek by Chickasaw Basin Authority and will be in excess of 600 acres when full and around 30 acres when dry.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

The following are descriptions of the hazards that Shelby County faces and their possible "worst case" effects:

EARTHQUAKE - The Mississippi Valley region is the most active earthquake area of the US east of the Rocky Mountains. In spite of this, major earthquakes occur very infrequently in the Mississippi Valley. The last moderately large earthquake occurred in 1895, and the last great earthquakes occurred in the winter of 1811 thru 1812. The attenuation of earthquake energy with distance is so much less in the Mississippi Valley than in most major earthquake regions of the world that there is no experience in dealing with devastation over as large an area as will result from our next great earthquake or earthquakes. Thus, one of the problems of dealing with a low probability event that [illegible] unprecedented losses exist.

Although there are a number of earthquake source zones in the Mississippi Valley that are capable of producing damaging earthquakes, experience and present-day minor earthquake activity both indicate that the New Madrid fault zone is potentially the source of greatest destruction. Less than 200 years ago, in 1811-1812, the fault broke loose and produced three earthquakes of magnitude 8.5 each plus 15 other large ones that by themselves were of a size capable of producing loss of life and large property damage, all within a two month period.

The New Madrid fault zone extends from a point in eastern Arkansas about 25 miles northwest of Memphis to approximately Cairo, Illinois, a distance of about 125 to 150 miles. There are two ways in which we can estimate what the ground shaking will be like in future earthquakes. The first uses historical information, namely the accounts of the great earthquakes of 1811-1812 and the moderate earthquakes of 1843 and 1895. The second makes use of extensive research concerning the source characteristics of the earthquakes and the transmission of wave energy through the earth's crustal layers, which enables us to estimate the nature of the ground movements for an earthquake of a specified size at any particular location. Either method tells us that a great earthquake will produce severe damage to most buildings and to the earth itself over an area of approximately 5000 square miles. Ground transportation will at best be difficult in the region because of sunken ground, rifts in the earth, [illegible] sand and watercraters (due to liquefaction), the breaking up of roadways, and the collapse of bridges and overpasses. Emergency relief may be delayed in many areas due to these circumstances. Structural damage to buildings will occur over an area of about 50,000 square miles, with major fatalities. A much larger area of approximately 500,000 square miles (1/7 the land area of the continental US) will experience damage to chimneys, falling plaster and ceilings, overturned water heaters and similar kinds of damage, such as books and merchandise thrown from shelves. These may cause injury, death and/or fire, which would be more damaging than the direct effects of the earthquake itself. Tall buildings have natural periods of oscillation of 1 second or more. For these periods earthquake wave energy in the Mississippi Valley experiences almost no attenuation, which will result in large shaking of the tall buildings (particularly the upper levels) at distances of 500 or more

miles from the epicenter of a great earthquake. The buildings likely will not fail structurally, but the contents and the interior may suffer extensive and costly damage. Falling objects will be the main cause of fatalities and injuries.

Although the possibility of the Mississippi Valley having such a great earthquake in our lifetime is small, there is a higher probability that the New Madrid fault or one of the other source zones will produce a moderately large earthquake. Earthquakes of a magnitude of about 6.0 occurred at the southern end of the New Madrid fault in 1843, and at the northern end in 1895. The former did extensive chimney damage in the Memphis area, in northern Mississippi and in eastern Arkansas. The earthquake in 1895 also caused damage to plaster and chimneys as far away as St. Louis, MO. A probabilistic hazard study in 1985 showed there was a 90% probability that in a 50 year time period, Memphis will experience an earthquake of up to 8.0 in magnitude.

TORNADO - In Shelby County, tornadoes are a significant hazard as "watches" and "warnings" occur yearly. Numerous tornado touch downs over the past seven years have affected more than 15,000 people in shelby County and caused in excess of several million dollars in damages.

CIVIL DISORDER - In Shelby County, civil disorders which include terrorist attacks, riots, strikes resulting in violence, and demonstrations resulting in police intervention and arrests, occur only once every ten years on the average, but have the potential to affect the entire population.

d. Overall Economic Trends:

	USA	TENNESSEE	MEMPHIS
Per Capita Income (1990):	18,639	15,880	17,797
Unemployment Rate (1991):	6.75%	6.6%	5.5%

	1982	1987	1991
Retail Sales (Billions):	4.7	7.0	7.8
Housing Starts:	1337	4490	3597

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (5. Other Socio/Econ): Bureau of Business and Economic Research; Memphis Area Chamber of Commerce; Emergency Management Agency

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

Navy Memphis has an astounding impact on the local community with over 15,000 hours of volunteer services provided each year by base personnel to 26 different organizations. Various programs such as Boy Scouts of America Scout Base, Adopt-A-School, Special Olympics, USA Olympic Baseball, and Millington Flag City, Tennessee, have enjoyed tremendous success and foster community support. Other factors:

MWR has an eligible patron base count of over 60,000 users and employs an average of 500 employees. It contributes $10,500,000 annually to the local economy. Major events such as Scout Base (a mid-south scouting adventure) are contributed to by base personnel, are normally opened to the public, and greatly enhance community relations. Scout Base draws an estimated 10,000 people from a three-state area. The community's presence is also realized with the 23 private organizations located on board Navy Memphis.

As one of the largest single businesses in the state of Tennessee, the base employs approximately 2,000 appropriated and nonappropriated civilian personnel, and 734 contract personnel. The majority of these people live in Shelby and Tipton counties and the Memphis metropolitan area.

Source of Data (6. Other): FY 93 Data Call 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)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

FRANK L. BOWMAN, VADM

NAME (Please type or print

Signature

CHIEF OF NAVAL PERSONNEL

Title

12 AUG 1994

Date

BUREAU OF NAVAL PERSONNEL

Activity

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

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

J. B. GREENE, JR.

NAME (Please type of print

Signature

ACTING

Title

22 AUG 1994

Date

BRAC-95 CERTIFICATION
BRAC DATA CALL SIXTY-FIVE EXPLANATION

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 for audit purposes.

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

ACTIVITY COMMANDER

CAPTAIN T. L. WILLIS	T. L. Willis
NAME	SIGNATURE
COMMANDING OFFICER	11 AUG 94
TITLE	DATE
NAVAL AIR STATION MEMPHIS	
ACTIVITY	

Encl (2)

Document Separator

513

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	MEMPHIS - BUPERS
Unit Identification Code (UIC):	N00022
Major Claimant:	BUMED

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

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.

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)

Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER
NAME (Please type or print)

Signature

Title

7/25/94
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

J. R. REVER
NAME (Please type of print)

Signature

CAPT. CEC, USN
COMMANDING OFFICER
Title

27 June 1994
Date

SOUTHNAVFACENGCOM
Activity

Enclosure (1)

BRAC-95 CERTIFICATION

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

YVONNE O. SPRING
NAME (Please type or print)

Yvonne O. Spring
Signature

Housing Management Specialist
Title

27 June 1994
Date

Housing Division
Division

Facilities Management Dept.
Department

SOUTHNAVFACENGCON
Activity

Enclosure (1)