DCN 1147

4

CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
OPERATIONAL/RESERVE AIR STATION/FACILITY: NAVAL AIR STATION, NORFOLK,VA

Category.....Shore Support of Operating Forces
Sub-category....Operational Air Stations and Reserve Air Stations
Types.....Navy and Marine Corps Operational and Reserve Air Stations and Facilities

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

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

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

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

AIR STATION/FACILITY - UIC 00188

STATION CAPACITY

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

Airfield Name Chambers Field & NAS Norfolk Heliport

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

Runway	Length (ft)	Width (ft)	Max load	Lighting				Arresting Gear Type(s)
				F	P	C	N	
10/28	8369	200	412,000	X[2]				E-28 (two)
9L/27R[1]	1600	150	73,000			X		
9R/27L[1]	1280	180	73,000		X			

[1] 9L/27R and 9R/27L are parallel and restricted to helicopters only. There is no runway parallel to Runway 10/28.
[2] In addition to runway edge, center, and threshold lighting, Runway 10-28 is equipped with optical landing lights. A fresnel lens is utilized when required as a temporary measure when simulated carrier operations can not be scheduled at another field.

F -- Full lighting (runway edge, center, and threshold)
P -- Partial lighting (less than full)
C -- Carrier deck lighting simulated
N -- No lighting

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

Apron/ramp/taxi way Location - ID	SF	Comp.	ID Type/Model A/C Prohibited	Load Bearing Capacity (LBS) Dual-Tandem Gear
RW-9R/27L	318501	asph/ conc	fixed wing prohibited	55,000
RW-9L/27R	234504	asph	fixed wing prohibited	55,000
RW-10/28	1613997	asph		412,000
TAXIWAY	3348018	conc & overlay		412,000
SP-APRON	1817892[1]	conc	C-130, C-5[2]	131,000
AMC-APRON	1593423	conc		456,000
LP-APRON	764244	conc		412,000
LF-APRON	3023181	conc	fixed wing prohibited	55,000
ORDNANCE HANDLING PAD	240777	conc		400,000

[1] Apron area includes access apron which is not suitable for parking aircraft.
[2] SP area access apron can not accommodate C-130s (and variants), C-5s, or other aircraft with equivalent wing spans. Existing structures including a 2 story building restrict access ramp.

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

No. NAS Norfolk has parallel taxiway servicing runway 10-28.

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

No. NAS Norfolk has parallel taxiway servicing runway 10-28.

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

Precision Approach Radar (PAR) minimums to runway 28 are 300 foot ceiling and 1 mile visibility due to height of trees on private property.

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

Heliport runways (9R/L and 27L/R) are restricted to helicopters only.

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

Airfield	# Flight Ops/Hr		Comments on Limiting Factors
	IMC	VMC	
Main	47	60	
Auxiliary (Heliport)	30	120	

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

FY	Main Airfield		Auxiliary Field Heliport	
	# Ops	# Days	# Ops	# Days
1991	6594	365	5651	260
1992	6765	365	6233	260
1993	5773	363	4330	300

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

Less than 1%

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

No.

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

Yes. Civilian contract aircraft load and unload cargo and passengers. Civilians utilize flying club.

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

No

2g. What **percentage of total operations are civilian?**

10.2% (Based on 1991-1993 data)

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

Chambers Field (NAS Norfolk) is served by Norfolk Terminal Radar Approach Control (TRACON) located at Norfolk International Airport. Chambers Field has a full spectrum of IFR and VFR approaches making ingress and egress convenient and safe. An Airport Radar Service Area (Class C airspace) adjoins Chambers airport traffic area (Class D area) from the east and overlies from 2000 ft. to 4000 ft. Moderately congested airspace created by three local military and two large civil airports is well served by logical and well laid out arrival and departure transition areas. The Class C area surrounding Chambers will probably be expanded within the next year to provide for more complete coverage of the metropolitan area.

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

No

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

Operating Schedule	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Main Airfield	24	24	24	24	24	24	24
Aux. Airfield Heliport[1]	Closed	0800to 2400	0800to 2400	0800to 2400	0800to 2400	0800to 2400	Close d

[1] The Heliport is closed at night due to noise restrictions. The heliport is closed on weekends due to low usage but can be opened when requested.

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

None.

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

No projects planned or programmed that would add capacity.

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

NAS Norfolk could increase operating capacity by adding an additional runway parallel to Runway 10/28. A parallel runway would cross over Interstate 564. The weapons loading area, air passenger terminal, and air cargo terminals would be relocated. Additional parking apron would be required for increased transient operations. No cost estimates are available and these alternatives are not considered viable given existing land constraints.

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

Limiting factors include extremely limited physical site, single runway for fixed wing operations, and limited unencumbered/unaltered parking apron. Specific construction details and site access limit aircraft in the SP area.

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

NAVAID	DESCRIPTION/LOCATION
TACAN	URN-25 (on station)
Air Surveillance Radar	ASR-8 (located at Norfolk International Airport)
Precision Approach Radar	FPN-63 (on station)

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BASING

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

Squadron/Det	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
HC-2	4	VH-3A	4	4	2	0	0
	4	SH-3H	8	8	18	20	20
	2	CH-53E	2	0	0	0	0
	0	MH-53E	0	2	2	2	2
HC-6	5	CH-46D	8	7	7	6	4
	2	UH-46D	4	4	4	4	4
	6	HH-46D	2	2	2	2	2
HC-8	0	HH-46D	1	1	1	1	1
	8	CH-46D	8	7	7	7	5
	4	UH-46D	4	4	4	4	4
HM-12	2	MH53E	5	0	0	0	0
	5	CH-53E	2	0	0	0	0
HM-14	8	MH-53E	8	6	6	6	6
VRC-40	14	C-2A	13	13	13	13	13
VAW-120	8	E-2C	11	11	11	11	11
	4	C-2A	5	5	5	5	5
	5	TE-2C	2	2	2	2	2
VAW-121	4	E-2C	4	4	4	4	4
VAW-122	6	E-2C	4	4	4	4	4
VAW-123	4	E-2C	4	4	4	4	4
VAW-124	4	E-2C	4	4	4	4	4
VAW-125	4	E-2C	4	4	4	4	4
VAW-126	4	E-2C	4	4	4	4	4

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

Squadron/Det Size (#A/C)	Apron Space Used	Hangar Space Assigned	Maintenance Support	Ave length of stay
1	minimal	LP-2	limited	2 days

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

Not applicable

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

Squadron/Det	# of Air-craft PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
VR-56	13	C-9B	3	3	3	3	3
HM-18	6	MH-53E	6	6	6	6	6
HCS-4	7	HH-60H	7	8	8	8	8
MAG-42	13	CH-46E	12	12	12	12	12
VAW-78	5	E-2C	4	4	4	4	4

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6b. For each **reserve squadron** at your air station, provide the number of **authorized billets** and the number of personnel actually assigned to the squadron for the past three fiscal years. Provide this information in the format below for both Selected Reservists (SELRES) and Training and Administration of Reserves (TAR) Navy Reservists/Full-Time Support (FTS) Marine Corps reservists. Explain differences between authorized and actual manning in the remarks section (i.e. not enough qualified reservists in the area).

Squadron: VAW-78	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot	11	2	11	2	11	2	11	2	11	2	11	3
NFO	14	4	14	4	14	4	14	4	14	4	14	4
Other Officer	3	1	3	1	3	1	3	1	3	1	3	1
Enlisted	103	62	79	62	103	66	76	88	103	66	79	76

Remarks:

Squadron: HM-18	FY 1991 **RECORDS NOT AVAILABLE**				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot					16	4	12	4	20	8	14	5
NFO					0	0	0	0	0	0	0	0
Other Officer					6	1	7	2	5	1	3	1
Enlisted					193	129	135	128	138	132	86	119

Remarks:

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Squadron: HCS-4	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot	27	8	27	5	27	8	27	8	27	8	27	8
NFO	0	0	0	0	0	0	0	0	0	0	0	0
Other Officer	8	0	8	0	8	0	8	0	8	0	8	0
Enlisted	102	94	97	89	102	94	97	89	192	94	97	89

Remarks:

Squadron: MAG-42 DET-B[1]	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot	25	2	25	4	25	2	25	2	25	2	25	2
NFO	0	0	0	0	0	0	0	0	0	0	0	0
Other Officer[2]	5/2	2/0	6/2	2/0	7/2	2/0	4/2	2/0	5/2	3/0	5/2	3/0
Enlisted[2]	125/6	43/0	120/6	43/0	146/6	52/0	132/6	52/0	146/6	52/0	132/6	50/0

Remarks: [1] The reserve component of MAG-42 is HMM-774.
[2] Upper left block is USMC; lower right is USN.

Squadron: VR-56	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot	27	9	27	9	27	9	27	10	27	9	27	12
NFO	0	0	0	0	0	0	0	0	0	0	0	0
Other Officer	3	0	3	0	3	1	3	1	3	1	3	1
Enlisted	125	77	118	80	125	77	118	77	125	77	115	80

Remarks:

UIC: 00188

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

Squadron/ Custodian	# of Air-craft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
NAS Norfolk	2 2	C-12B C-12M	2 2	2 2	2 2	2 2	2 2

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

Service/ Agency/ Custodian	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
NORFOLK NAVY FLYING CLUB	5 2 1 1 1	C-150 C-172 PA-28 PA-30 T-34	5 2 1 1 1	5 2 1 1 1	5 2 1 1 1	5 2 1 1 1	5 2 1 1 1

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

NOTE: All requirements based on NFADB.

Support Unit Identification/ UIC	Mission	Facilities Required	Equipment Laydown Requirement (covered/ uncovered in SF)
CAEWWLANT N09052	AIR WING STAFF	ADMIN-10035 SF	0
MCSFBNLANT /M67853	SECURITY	ADMIN-17235 SF GYM-11400 SF MESSING-3053 SF EXCHANGE-1730 SF BEQ-345 PN	0
VC-6 N09806	DRONE REPAIR	BOAT SHOP-39201 SF	0
FASOTRAGRU LANT N09810 N30686 N44275 N44937	TRAINING	ADMIN-11357 SF TRAINING-23542 SF	0
FLTIMAGCOM LANT N41412 N57093	PHOTOGRAPHY	PHOTO BUILDING 28022 SF	2500 SF (Supports mobile units that deploy)
COMNAVAIRL ANT N57012	MAJOR CLAIMANT FOR ATLANTIC AIR COMMANDS	ADMIN-84911 SF LOGISTICS-130530 SF	0
PSD N42573	PERSONNEL	ADMIN-20020 SF	0
COMHELTAC WINGLANT N44890	AIR WING STAFF	ADMIN-4081 SF	0
NAVSAFCEN N63393	SAFETY	ADMIN-45351 DATA PROC-12876 SF	0
NAVEASTOCE ANCEN N63061	OCEANOGRAPHY	OCEANOGRAPHY BLDG 27760 SF	0
NAVEDTRASU PPCEN N63325	TRAINING	ADMIN-9043 SF EDUCATION CNTR 10660 SF	0
COMRES PAT WING LANT N09158	AIR WING STAFF	ADMIN 4000 SF	Ø

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Support Unit Identification/ UIC	Mission	Facilities Required	Equipment Laydown Requirement (covered/ uncovered in SF)
NCTAMSLANT N68057	COMPUTERS	APPL INST-667 SF ADMIN-48455 SF DATA PROC-24400 STORAGE-4400 SF	0
NAVMASSO N68561	SUPPLY	ADMIN-116170 SF	0
NAVDRUGLAB N68851	LABORATORY	CHEM LAB-24219 SF	0
NAVMEDCEN	TRAINING	APPL INSTRUCTION 34700 SF	0
PWC N00187	PUBLIC WORKS	SHOP-34793 SF STORAGE-49151 SF	0
FISC N00189	SUPPLY	SHOP-13720 SF STORAGE-623223 ADMIN-2008 SF	0
SIMA/CNAL N33341	INTERMEDIATE MAINTENANCE	SIMA-30402 SF	0
COMNAVBASE N61463	REGIONAL COORDINATOR	SMALL CRAFT BTHS-4951 SF HAZ STRG-500 SF GATE HOUSE-778 BEV CONT RE CTR-5600 SF	0
NAVSTA N62688	SEA PORT	FIRE STA-20658 APPL INST-2081 SHOP-960 SF ANIMAL HOS-2992 GATE HOUSE-80 SF MWR-90070 SF TENNIS CRTS-5 EA BALLFIELDS-10 EA SWIM POOL-50 ME MARINA-1 EA	0
NAVMTO N63408	AIR TRANSPORT	PASS TERM-12034 CARGO TERM-100592 SHED-2400 SHOP-8000 ADMIN-3313	0
NEXCEN N68573	EXCHANGE	ADMIN-900 EXCHANGE-37501	0

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Support Unit Identification/ UIC	Mission	Facilities Required	Equipment Laydown Requirement (covered/ uncovered in SF)
HRO N68845	PERSONNEL	ADMIN-23744 SF	0
NADEP N65887	AIRCRAFT MAINTENANCE	ADMIN-349730 SF MAINT-2285887 SF TRAINING-28819 SF	113140

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

FRS squadron VAW-120 will increase due to consolidation of VAW-110 of Miramar, California. The FY-94 end-strength reflects the increased size of VAW-120. Prior to the build up, the aircraft load was 7 E-2Cs and 2 C-2As. Squadron HC-2 will become the FRS for H-3 helicopters. HM-12 will disestablish in Sept 94. Actual gains/losses by year are reflected in totals presented in question 5.a.

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

Unit	Active or Reserve	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
NR CNAEL 0286	RES	32	32	32	32	32
NR CVN 73	RES	56	56	56	56	56
NR LEPSU 0186	RES	43	43	43	43	43
NR TACGRU 2 286	RES	33	33	33	33	33
NR TACRON 2286	RES	65	65	65	65	65
NR NORA 2186	RES	36	36	36	36	36
NR CNAL 1086	RES	28	28	28	28	28
NAVAIRES NORFOLK	ACTIVE	103	103	103	103	103

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Unit	Active or Reserve	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
NR TACRON 2186	RES	70	70	70	70	70
NR NADEP 0386	RES	16	16	16	16	16
NR NAS 2186	RES	46	46	46	46	46
NR NAS 2286	RES	40	40	40	40	40
NR RPWL 0186	RES	38	38	38	38	38
NR IMAGU 0186	RES	31	31	31	31	31
NR 4MAW MDMG	RES	16	16	16	16	16
NR AVU 0286	RES	23	23	23	23	23
NR NAS MED/DEN 0186	RES	48	48	48	48	48

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10b. For each of these other **reserve Navy/Marine Corps** units at your air station, provide the number of **authorized billets** and the number of personnel actually assigned to the squadron for the past three fiscal years. Provide this information in the format below for both Selected Reservists (SELRES) and Training and Administration of Reserves (TAR) Navy reservists/Full-Time Support (FTS) Marine Corps reservists. Explain differences between authorized and actual manning in the remarks section.

NR Activity/Unit: **CNAEL0286**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	19	0	21	0	23	0	21	0	19	0	21	0
Enlisted	11	0	11	0	11	0	11	0	11	0	11	0

NR Activity/Unit: **CVN-73**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	9	0	7	0	9	0	9	0	7	0	7	0
Enlisted	46	0	56	0	46	0	46	0	56	0	39	0

NR Activity/Unit: **LEPSU0186**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	2	0	2	0	2	0	2	0	0	0	0	0
Enlisted	45	0	42	0	45	0	42	0	45	0	40	0

NR Activity/Unit: **TACERUZ-286**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	15	0	15	0	15	0	15	0	15	0	15	0
Enlisted	23	0	18	0	23	0	18	0	28	0	22	0

UIC: 00188

NR Activity/Unit: **TACRON2286**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	26	0	27	0	26	0	27	0	35	0	35	0
Enlisted	55	0	29	0	55	0	29	0	55	0	25	0

NR Activity/Unit: **NORA2186**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	13	0	10	0	13	0	10	0	13	0	12	0
Enlisted	23	0	22	0	23	0	22	0	26	0	21	0

NR Activity/Unit: **CNAL1086**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	24	0	24	0	24	0	24	0	23	0	23	0
Enlisted	13	0	6	0	13	0	6	0	6	0	4	0

NR Activity/Unit: **TACRON 2186**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	34	0	29	0	34	0	29	0	34	0	34	0
Enlisted	54	0	40	0	54	0	40	0	54	0	31	0

NR Activity/Unit: **NADEP**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	17	0	17	0	17	0	17	0	16	0	16	0
Enlisted	0	0	0	0	0	0	0	0	0	0	0	0

UIC: 00188

NR Activity/Unit: **NAS2186**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	3	0	3	0	3	0	3	0	3	0	3	0
Enlisted	57	0	50	0	57	0	50	0	57	0	50	0

NR Activity/Unit: **NASZ286**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	0	0	6	0	6	0	6	0	3	0	3	0
Enlisted	55	0	45	0	55	0	45	0	45	0	38	0

NR Activity/Unit: **RP1N60186**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	24	0	25	0	26	0	26	0	26	0	25	0
Enlisted	14	0	14	0	14	0	14	0	15	0	13	0

NR Activity/Unit: **IMAGU0186**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	4	0	3	0	4	0	3	0	4	0	4	0
Enlisted	33	0	16	0	33	0	16	0	32	0	11	0

NR Activity/Unit: **AVU0286**	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	6	0	6	0	6	0	6	0	6	0	6	0
Enlisted	20	0	19	0	20	0	19	0	20	0	17	0

UIC: 00188

NR Activity/Unit: NASMEDDEN 0186	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer	19	0	19	0	19	0	19	0	18	0	13	0
Enlisted	39	0	39	0	39	0	39	0	33	0	33	0

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

	Average Personnel on Waiting List		
	FY 1991	FY 1992	FY 1993
Pilot	15	15	15
NFO	0	0	0
Other Officers	0	1	1
Enlisted	0	0	0

UIC: 00188

TRAINING SUPPORT

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

Squadron/ Unit	Aircraft Type	Number of Flight Operations/Yr	Comments
VR-56	C-9B	1,250	Avg. based on flight records
HM-18	MH-53E	9,000	estimate
HC-2	VH-3 UH-3 CH-53	308 378 167	Based on pilots on board and number of evolutions required by training matrices and NATOPS
HC-6	H-46	17,000	Based on FY-93 data
HC-8	CH/UH-46 HH-46	28,100 1,584	13,600 takeoffs, 13,600 landings (FCLP and ship quals), and 900 instrument approaches. Doppler Approach quals and night SAR training
MAG-42	CH-46	1,725	Based on 1,900 flight hours
HM-14	MH-53	4,300	9 month average extrapolated
VAW-78	E-2	350	12 pilots making 100 hr/year minimums plus carrier training
VRC-40	C-2A	6,500	Estimate
VAW-120	E-2C/C-2A	1,900	Single site FRS
VAW-121	E-2C	690	

Squadron/ Unit	Aircraft Type	Number of Flight Operations/Yr	Comments
VAW-122	E-2C	690	
VAW-123	E-2C	690	
VAW-124	E-2C	690	
VAW-125	E-2C	690	
VAW-126	E-2C	690	
HCS-4	H-60	3,360	Based on 4 days 4 nights per month per pilot

12b. For each **Special Use Airspace (SUA)** or airspace-for-special use routinely used by squadrons/units assigned to your installation (regardless of location[1]), indicate how many hours per year are **required for** each user to maintain **required operational readiness.** Special Use Airspace includes alert areas, military operating areas (MOA), restricted areas, and warning areas which are used for air-to-air, air-to-ground, electronic (EW, ECM), low level training routes (MTRs), and other training.

[1] include RON/domestic deployment training

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
W50	Dam Neck, VA (20 mi)	Live Fire	42239	HC-2	Door Gunnery	8
W50/R6606	Dam Neck, Va (20 mi)	.50 Cal shoot	42239	HC-8	Aerial Gunnery	30-40
W-50	Dam Neck, Va (20 mi)	Live gunnery	42239	HM-14	AMCM	168

[1] include RON/domestic deployment training

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
W50	Dam Neck, Va (20 mi)	Live gunnery	42239	HM-14	.50 Cal gunshoot	24
W50/R6606	Dam Neck, Va (20 mi)	BQM-74 Training	42239	VC-6	Target Drone Training	48/48
W72	Virginia Capes (25 mi)	BQM-74 Training	42239	VC-6	Target Drone Training	48
W50	Dam Neck, Va (20 mi)	Gunnery	42239	MAG-42	.50 Cal ordnance	50
R5306A/B	Cherry Point, NC (120 mi)	Gunshoot	00146	MAG-42	.50 Cal gunshoot/GW training	50/50
R6605	Quantico, Va. (115 n.m.)	Cals, Terrain Following (TERF), Night Vision Goggle (NVG)	00262	MAG-42	Confined Area Landings (CALS), Terrain Following (TERF), Night Vision Goggle (NVG)	100
R6602	Black-stone, Va (50 n.m.)	Night Vision Goggle (NVG)	Ft. Pickett	MAG-42	Confined Area Landings (CALS), Terrain Following (TERF), Night Vision Goggle (NVG)	20

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SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
R5306 D	Camp Le-jeune, NC (150 mi)	Confined Area Landings (CALS), Terrain Following (TERF), Night Vision Goggle (NVG)	67001	MAG-42	Confined Area Landings (CALS), Terrain Following (TERF), Night Vision Goggle (NVG)	25
W-72	Virginia Capes (25 mi)	Aircraft Intercept Control (AIC)	42239	VAW 120, 121, 122, 123, 124, 125, 126	AIC/WASEX	700
R-4816	Nevada (2000 mi)	Over Land Strike	60495	VAW 121, 123, 124, 125, 126	STRIKE	375
W-368/ 369/370/ 373	Puerto Rico (900 mi)	Orange Air Support	0017A	VAW 121, 122, 123, 124, 125, 126	OPFOR/COMTUEX	300
W-110/122	North Carolina (100 mi)	Orange Air Support	42239	VAW 120, 121, 122, 123, 124, 125, 126	OPFOR/COMTUEX	210
W-155	Pensaco la, FL (700 mi)	Link 11 Support for AEGIS (cruiser) testing	00204	VAW 120, 121, 122, 123, 124, 125, 126	AEGIS Services	210
W-174	Key West, FL	Air to air DACM	00213	VAW 120, 121, 122, 123, 124, 125, 126	SFARP	60

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
W-159	Jacksonville, FL (450 mi)	F-18 Support	53895	VAW 120, 121, 122, 123, 124, 125, 126	MSLX Services	60
W-102/103	Maine	Cruiser/Tomahawk Land Attack Missile	53823	VAW 120, 121, 122, 123, 124, 125, 126	MSLX Services	60
W-72/386	Virginia Capes (25 mi)	Logistics Support/ SEAL Paradrops	42239	VRC-40	Logistics Support	555
W-122	North Carolina (150 mi)	Logistics Support	42239	VRC-40	Logistics Support	175
W-157/158	Jacksonville, FL. (400/ 450 mi)	Logistics Support	53895	VRC-40	Logistics Support	75
W-369/372/ 377/429	Puerto Rico (900 mi)	Logistics Support	0017A	VRC-40	Logistics Support	400
W-107/108	New Jersey (200 mi)	Electronic Warfare (EW)/ Electronic Counter Measures (ECM)	42239	VAW-78	EW/ECM	100
W-72/386	Virginia Capes (25 mi)	Airborne Early Warning (AEW)(AIC)	42239	VAW-78	AEW/AIC	100

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SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
W-174	Key West, FL (800 mi)	AEW	00213	VAW-78	AEW	50
W-465	Caribbean (775 mi)	AEW/AIC/ ECM	53895	VAW-78	AEW/AIC/ECM	250
R4803	Fallon, NV (2000 mi)	AIC/Over Land Strike	60495	VAW-78	AIC/STRIKE	50
R2508	Fallon, NV (2000 mi)	AIC/AEW	60495	VAW-78	AIC/AEW	25
R2515	Fallon, NV (2000 mi)	AIC/AEW	60495	VAW-78	AIC/AEW	25
VARIOUS	NAS Fallon, NV (2000 mi)	Live Fire	60495	HCS-4	Gunnery	600

Remarks:

1. R5306 A/B - EW range not available Friday-Sunday, impacts reserve training

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

None.

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

No additional capacity will be realized from currently programmed construction projects. These projects will meet existing demand and deficiencies.

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

There is no airspace or land available at NAS Norfolk or controlled by NAS Norfolk to create a training range.

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

Airspace is limited.

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

Yes. An estimated increase of 100% would be reasonable for most types of training. The training area is an ocean area of such size that a capacity limit has not been realized.

UIC: 00188

13a. For each **ground/water training facilities/ranges/training areas** routinely used by squadrons/units assigned to your installation (regardless of location[1]), indicate how many hours per year are required for each user to maintain readiness?

[1] include RON/domestic deployment training

Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
15F8	Norfolk	Simulator	09527	~~VAW78~~ 8 VAW Sqdns	Training syllabus requirements	~~260~~ 3000
2F110	Norfolk	Simulator	09527	~~VAW78~~ 8 VAW Sqdns	Training syllabus requirements	~~200~~ 3000
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Qualifications	32510	HM-18	Aircrew Water Survival	240
Shooting Range	NAV-BASE Norfolk	Pistol Qual	61463	HM-18	Annual pistol qualifications	15
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	VR-56	Aircrew Water Survival	256
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	HC-6	Aircrew water survival	270
add → 2F166	Norfolk	Simulator	09527	8 VAW Sqdns	Syllabus Training	2100

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Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
Shooting Range	NAV-BASE Norfolk	Pistol Quals	61463	HC-6	Pistol qualification and recertification	400
Dam Neck	Virg-inia Beach, Va. (30 miles)	Pistol Quals	00281	MAG-42	Certification and recertification	32
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	MAG-42	Aircrew water survival	29
Fleet Training Center	NAV-BASE Norfolk	Fire Fighting School	42090	VC-6	Fire fighting, CPR, forklift	5150
Thimble Shoals Channel	Chesa-peake Bay (20 miles)	Surface Target	None	VC-6	Terrorist operations, coxswain training	345
Fleet Training Center	NAV-BASE Norfolk	Fire Fighting School	42090	HM-14	Aircraft fire fighting, shipboard fire fighting, command training team	632
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	HM-14	Aircrew Water Survival	480

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Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	HC-8	Aircrew Water Survival	80
Camp Elmore	Atlan-tic Fleet Marine Facility	Pistol Range	47036	HC-8	.45 cal training	10
Base Pool	NAS Norfolk	Rescue Swimmer Quals	00188	HC-2	Weekly rescue training	400
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	VAW-120, 121, 122 123, 124, 125, 126	Aircrew Water Survival	2880
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	NAS Norfolk	Aircrew Water Survival	576
Fleet Training Center	NAV-BASE Norfolk	Fire Fighting School	42090	VAW-120, 121, 122, 123, 124, 125, 126	Aircraft Fire Fighting School	7200

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Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
Aircraft Fleet Replace-ment School	NAS Norfolk	C-12 Pilot Training	00188	NAS Norfolk	C-12 Initial and recurrent training	3600
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	HC-2	Aircrew Water Survival	256
Aviation Physiology	NAS Norfolk	Emergency Egress; Low Pressure Chamber; Sensory Physiology; Swimmer Quals	32510	HCS-4	Aircrew Water Survival	320
Shooting Range	Fort AP Hill, VA (60 mi)	M-16 Quals	U.S. Army	HCS-4	Aircrew Quals	80

Remarks:

UIC: 00188

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

Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled # Hours	Utilized[1] # Hours
Thimble Shoals	Chesapeake Bay (30 miles)	Surface Target	None	1991	0	0
				1992	0	0
				1993	Not Sched-uled	345
2F110	NAS Norfolk	E-2 Flight Simulator	09527	1991	~~48~~ 3228	~~48~~ 3107
				1992	~~48~~ 2735	~~48~~ 2698
				1993	~~48~~ 3141	~~48~~ 3097
15F8	NAS Norfolk	E-2 Flight Simulator	09527	1991	~~48~~ 3261	~~48~~ 3186
				1992	~~48~~ 2807	~~48~~ 2828
				1993	~~48~~ 3014	~~48~~ 2958
Fleet Training Center	NAV-BASE Norfolk	Fire Fighting School	42090	1991	Not Available	Un-known
				1992	Not Available	Un-known
				1993	Not Available	12,982 (man hours)
Shooting Range	NAV-BASE Norfolk	Pistol Range	61463	1991	Not Available	Un-Known
				1992	Not Available	Un-Known
				1993	415	415
add → 2F166	NAS NORFOLK	E-2 Flight Simulator	09527	1991 1992 1993	590 2102 2113	646 2086 2065

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Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled	Utilized[1]
					# Hours	# Hours
Camp Elmore	Atlantic Fleet Marine Facility	Pistol Range	47036	1991	Not Available	Un-Known
				1992	Not Available	Un-Known
				1993	10	10
Dam Neck	Virginia Beach (35 miles)	Pistol Range	00281	1991	0	0
				1992	0	0
				1993	32	32
Base Pool	NAS Norfolk	Rescue Swim Practice	00188	1991	Not Available	
				1992	Not Available	
				1993	Not Required	400
Aviation Physio-logy Unit	NAS Norfolk	Water Survival Training	32510	1991	Not Available	
				1992	4500	4500
				1993	4950	4841[2]
C-12 Fleet Replaceme nt School	NAS Norfolk	C-12 Pilot Training	00188	1991	3600	3600
				1992	3600	3600
				1993	3600	3600

[1] For the "Utilized" values, provide reasons for hours scheduled, but not utilized (e.g. 40% cancelled due to weather; 10% cancelled for unscheduled range maintenance, etc.).
[2] Cancelled due to schedule conflicts.

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

With the present facilities and equipment there is no capacity to be gained.

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

None

Remarks: **No planned MILCON.**

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

MILCON 307 for aviation water survival training facility (18,598 sf) for $2,600,000.

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

NAS Norfolk is land constrained for land based training. NAS Norfolk does not control air space for expansion of air training capacity. Utilization of new or modified trainers is affected by the delivery schedules as well as down time for maintenance.

UIC: 00188

14a. By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

CCN: 171-10

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
CLASSROOM	HM-12 A/C AMCM	AIRCREW LEARNING	60	1400	84000	60	1400	84000
CLASSROOM	HM-12 A/C VOD	AIRCREW LEARNING	17	744	12648	17	744	12648
CLASSROOM	HM-12 FRP AMCM	FRP LEARNING	21	1656	34776	21	1656	34776
CLASSROOM	HM-12 FRP VOD	FRP LEARNING	14	1400	19600	14	1400	19600
FASOTRAGRULANT	**CIN**							
APPLIED	D-5B-0010	PIPEPLINE OFFICER (G2)	58	32	1856	48	32	1536
APPLIED	D-210-0001	FLEET (F1)	9	120	1,080	48	120	5,760
APPLIED	D-210-0002	PIPELINE (G1)	47	80	3,760	48	80	3,840
APPLIED	D-210-0003	FLEET (F1)	24	80	1,920			
APPLIED	D-210-0006	FLEET (F1)	28	13	364	48	13	624
APPLIED	D-210-0008	FLEET (F1)				48	16	768
APPLIED	D-210-0041	PIPELINE (G1)	35	293	10,255	60	293	17,580
APPLIED	D-210-0042	PIPELINE (G1)	28	292	8,176	50	292	14,600
APPLIED	D-210-0060	PIPELINE (G1)	7	80	560	15	80	1,200
APPLIED	D-210-1700	PIPELINE (G1)	8	96	768	20	96	1,920
ACADEMIC	D-516-0001	FLEET (F1)	74	22	1,628	96	22	2,112

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Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
ACADEMIC	D-555-0001	FLEET (F1)	135	40	5,400	192	40	7,680
ACADEMIC	D-555-0002	FLEET (F1)	221	40	8,840			
ACADEMIC	D-555-0003	FLEET (F1)	119	40	4,760			
ACADEMIC	D-555-0004	FLEET (F1)	129	80	10,320			
ACADEMIC	D-555-0005	FLEET (F1)	127	55	6,985			
ACADEMIC	P-500-0014	SKILL (D1)				88	24	2,112
ACADEMIC	P-500-0015	SKILL (D1)				165	24	3,960
ACADEMIC	X-888-8844	FLEET (F1)	5	2	10	20	2	40
ACADEMIC	X-888-8845	FLEET (F1)	35	3	105	45	3	135
ACADEMIC	X-888-8846	FLEET (F1)				48	8	384
ACADEMIC	X-888-8835	FLEET (F1)	7	2	14	20	8	160
APPLIED	NAL IMA POWER PLANTS	FLEET (F1)				96	40	3,840
APPLIED	NAL IMA WKCTR	FLEET (F1)				120	46	5,520
APPLIED	NALCOMIS OMA OPR	FLEET (F1)				120	46	5,520
APPLIED	NALCOMIS OMA MAINT	FLEET (F1)				120	40	4,800
APPLIED	NAL OMA MAINT CON	FLEET (F1)				90	40	3,600
APPLIED	NAL OMA WKCTR SUP	FLEET (F1)				140	40	5,600
APPLIED	NAL OMA QA	FLEET (F1)				250	40	10,000
APPLIED	NAL OMA LOGS/REC	FLEET (F1)				80	40	3,200

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Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
APPLIED	NAL OMA VIDS/ SCIR	FLEET (F1)				190	40	7,600
APPLIED	NAL OMA MATL CONT	FLEET (F1)				80	80	6,400
APPLIED	WINDOWS	FLEET (F1)				120	8	960
APPLIED	INTEGRATED SOFTWARE	FLEET (F1)				250	40	10,000

A = Students per year
B = Number of hours each student spends in this training facility for the type of training received
C = A X B

CCN: 171-20

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
APPLIED INST	VAW-120	PILOT	59	569	33,571	86	488	41,968
APPLIED INST	VAW-120	NFO	54	837	45,198	63	812	51,156
APPLIED INST	VAW-120	5PC	20	456	9,120	0	0	0
APPLIED INST	VAW-120	LOAD MASTER	20	256	5,120	0	0	0
APPLIED INST	VAW-120	SECOND CREW	0	0	0	40	591	23,640
APPLIED INST	NAMTRAGRU DET UIC 66046	AIR MAINT TRNG	4991	271	1,352,561	4316	203	876,148
AVIATION PHYSIOLOGY TRAINING UNIT	SEE ABBREVIATIONS BELOW							

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Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
APTS	NAPTP	RP-1	432	2,400	1,036,800	900	2,400	2,160,000
APTS	NAPTP	RP-2	216	1,800	388,800	720	1,800	1,296,000
APTS	NAPTP	RP-3	236	1,800	424,800	720	1,800	1,296,000
APTS	NAPTP	NP-2	180	2,400	432,000	432	2,400	1,036,800
APTS	NAPTP	NP-3	180	2,400	1,029,600	432	2,400	1,036,800
APTS	NAPTP	NP-7	216	1,800	388,800	325	1,800	58,500
APTS	NAWSTP	R-1	429	2,400	1,029,600	936	2,400	2,246,400
APTS	NAWSTP	R-2	272	2,400	652,800	900	2,400	2,160,000
APTS	NAWSTP	R-3	377	2,400	904,800	900	2,400	2,160,000
APTS	NAWSTP	N-5	88	2,400	2,112	432	3,600	1,555,200
APTS	NAWSTP	N-3	67	2,400	160,800	432	3,600	1,555,200
APTS	NAWSTP	N-7	450	1,800	810,000	1,116	1,800	2,008,800
APTS	NAWSTP	N-9	381	1,800	685,800	900	1,800	1,620,000
APTS	NAWSTP	N-8	57	1,200	68,400	300	1,200	360,000
APTS	NAWSTP	N-3 MID	150	1,800	270,000	325	1,800	585,000

THE FOLLOWING ABBREVIATIONS APPLY TO PREVIOUS TABLE:

APTS = AVIATION PHYSIOLOGY TRAINING SERVICES
NAPTP = NAVAL AVIATION PHYSIOLOGY TRAINING PROGRAM
NAWSTP = NAVAL AVIATION WATER SURVIVAL TRAINING PROGRAM
RP = REFRESHER PHYSIOLOGY TRAINING
NP = INITIAL PHYSIOLOGY TRAINING
N = INITIAL WATER SURVIVAL TRAINING
R = REFRESHER WATER SURVIVAL TRAINING

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CCN: 171-35

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
SIMULATOR	HM-12 A/C AMCM	AMCM PROCEDURES	60	53	3180	60	59	3540
SIMULATOR	HM-12 FRP FLT SIM	2H141	35	22	770	40	26	1040
SIMULATOR	VAW-120 OFT MOTION BASED	2F110 E-2C	59	70	4130	86	70	6020
SIMULATOR	VAW-120 OFT NON-MOTION BASED	2F166 E-2C	59	30	1770	62	25	1550
SIMULATOR	VAW-120 OFT NON-MOTION BASED	2F168 C-2A	0	0	0	24	28	672
SIMULATOR	VAW-120 WEAPONS SYSTEMS TRAINER	15F8B E-2C	54	165	8910	31	155	4805
SIMULATOR	VAW-120 WEAPONS SYSTEMS TRAINER	15F8C E-2C	0	0	0	32	154	4928
SIMULATOR	VAW-120 COMPUTER BASED TRAINING	4E12	54	79	4266	149	47	7003

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

For example: In the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

CCN: 171-10

Type Training Facility	Total Number (Rooms)	Design Capacity (PN)[1]	Capacity (Student HRS/YR)[2]
NAS TRAINING	10	2,152	11,782,200 [3]
HM-12 CLASSROOMS	7	88	177,408 [4]
FASO ACADEMIC	6	110	208,560
FASO APPLIED	13	128	242,688
APTS	1	72	157,824

[1] Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.
[2] Define how the student HRS/YR value in the preceding table was derived.
[3] DESIGN CAPACITY X 15 HOURS/DAY X 365 DAYS/YR
[4] DESIGN CAPACITY X 8 HOURS/DAY X 252 DAYS/YR

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CCN: 171-20

Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)[2]
APPLIED INSTR NAMTRAGRUDET	78	706	1,412,000
APTS	1	72	157,824
VAW-120	5	56	112,000

14c. Assuming that the ground school training facility **is not constrained by operational funding** (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc, what additional capacity (in student hours/yr) could be gained? Provide details and assumptions for all calculations.

Design Student Capacity * Hours/Day * Days/Yr = Student Hours/Year

NAS Training	**2,151**	*	**9**	* **365**	=	**7069320**
HM-12 Classrooms	**88**	*	**16**	* **252**		
	+ 88	*	**24**	* **133**	=	**635712**
FASO Academic	**110**	*	**16**	* **237**		
	+ 110	*	**24**	* **128**	=	**755040**
FASO Applied	**128**	*	**16**	* **237**		
	+ 128	*	**24**	* **128**	=	**878592**
APTS	**72**	*	**16**	* **274**		
	+ 72	*	**24**	* **91**	=	**472896**
NAMTRAGRUDET	**706**	*	**16**	* **250**		
	+ 706	*	**24**	* **115**	=	**4772560**

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

Availability of land constrains development for additional training facilities. Availability of land also constrains further development of base infrastructure including housing, hangars, AIMD, and parking apron.

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

Parent UIC	CCN	Facility Type	Adequate		Substandard		Inadequate		Total	
			SF	PN	SF	PN	SF	PN	SF	PN
66046	171-20	Applied Instruction	52,150	801					52,150	801
66046	171-20	Support Space	39,055	157					39,055	157
09206	171-10	Academic	9735	60					9735	60
09206	171-35	Operational Training	18443	100					18443	100
09810	171-10	Academic	3120	110					3120	110
09810	171-10	Applied Instruction	8052	128					8052	128
32510	171-20	Aviation Physiology Training	45773	56	210	25	529	18	46512	99

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your BASEREP.

For UIC 32510 inadequacy results in using bleachers at the pool side for teaching students. MCON P-307 will correct these deficiencies but is not currently programmed.

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SHIP BERTHING CAPACITY

NAS NORFOLK has no ship berthing capabilities. There is a sea plane lagoon, but this area is not capable of berthing ships or small craft.

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

Not applicable.

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

Not applicable.

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

Not applicable.

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

Not applicable.

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

Not applicable.

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

Not applicable.

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

Not applicable.

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

Not applicable.

R

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FACILITIES

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

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

Aircraft Type	Current # of Aircraft Parked/Stationed	Maximum Additional Capacity (# of Aircraft)		Total		
		NAVFAC	Surge	NAVFAC	Surge	
E-2C	42	0	0	42	42[1]	
C-9	7	0	0	7	7	
C-2A	17	0	0	17	17	
H-3	12	0	0	12	12	R
H-53E	23	0	0	23	23	R
H-46	34	0	0	34	34	
H-60	9	0	0	9	9	
C-5	3	0	0	3	3	
DC-8	1	0	0	1	1	
UC-12B	4	0	0	4	4	
C-130	1	0	0	1	1	

[1] 47,000 SY of apron could be available for parking 7 E-2s and 7 H-53s east of SP-31. However, this configuration requires that 4 H-53s are housed inside SP-31, 8 E-2s are housed inside SP-1 and SP-2 and the remainder of the aircraft are parked with wings folded north of the hangars. This configuration is not considered to be a satisfactory permanent home basing arrangement. All other parking areas have no room to surge and maintain safe operating procedures.

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FACILITIES

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

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

Aircraft Type	Current # of Aircraft Parked/Stationed	Maximum Additional Capacity (# of Aircraft)		Total	
		NAVFAC	Surge	NAVFAC	Surge
E-2C	42	0	0	42	42[1]
C-9	7	0	0	7	7
C-2A	17	0	0	17	17
H-3	12	0	0	23	23
H-53E	23	0	0	15	15
H-46	34	0	0	34	34
H-60	9	0	0	9	9
C-5	3	0	0	3	3
DC-8	1	0	0	1	1
UC-12B	4	0	0	4	4
C-130	1	0	0	1	1

[1] 47,000 SY of apron could be available for parking 7 E-2s and 7 H-53s east of SP-31. However, this configuration requires that 4 H-53s are housed inside SP-31, 8 E-2s are housed inside SP-1 and SP-2 and the remainder of the aircraft are parked with wings folded north of the hangars. This configuration is not considered to be a satisfactory permanent home basing arrangement. All other parking areas have no room to surge and maintain safe operating procedures.

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

Current parking configuration utilizes all available parking apron, some of which is not configured to criteria and classified inadequate. See footnote for Table 16.a.

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

Parking Apron Location/ Designator	Apron Area in SF (CCN) and Apron Access Area in SF (CCN						
	Active SQD/Det A/C	Reserve SQD/Det A/C	USN/USMC Station A/C	DoD or non-DoD A/C	Other USN(R) USMC(R), DoD/non-DOD	Other units not covered and transient A/C	Total
SP AREA 113-20 113-40	1094523 100000	229365 20000					1323888 120000
LF AREA 113-20 113-40	327678 18000	172462 10000					500140 28000
LP AREA 113-20 113-40	759060 130000	318758 32000	46800 10000			215100	1339718 172000
AMC 113-20 AREA 113-40				637819 66000			637819 66000
Column totals	2,429,261	782585	56800	703819		215100	4187565

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

None

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

MCON P-522 to construct additional parking apron and demolish two hangars for conversion to parking apron. This project would increase parking capacity by 11 C-9s, 9 E-2s 3 C-12s and 6E-2s. It will also provide a 150' peripheral taxi lane in accordance with P-80 criteria to ensure safe operations. Estimated cost is approximately $14,700,000.

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

No new land is currently available off base for expansion. LP parking apron expansion is limited to the west by buildings and the fuel farm and to the east by the taxiway to the SP area and housing. SP area can not be expanded because it is bordered on the north, west and south west by water and o the east and south east by existing structures. The LF apron is constrained on the west by the tow way and NAVCOMSTA Norfolk but could expand eastward into the existing NADEP Norfolk hangars. The AMC apron could expand to the west as permitted by the layout of Interstate Highway 564 and Runway 10/28, which passes over the Interstate. Environmental and AICUZ restrictions have no impact on the ability to expand parking aprons other than those environmental issues associated with relocation of the fuel farm.

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

Hangar ID/#	Type I, II or (O)ther	Year Built	Hangar Deck Dimensions	Limiting Height	Current Usage	In SF			
						Adequate	Substandard	Inadequate	Total
LF-59	I	1988	98 X 326	30'4"	HC6/HC8	69356			69356
LF-60	I	1976	98 X 192	29'10"	MAG-42	40116			40116
LP-2	I	1941	200 X 200	27'8"	STATION A/C			64992	64992
LP-3	I	1941	200 X 200	27'8"	HM-14			66846	66846
LP-4	I	1941	200 X 200	27'8"	HC-2			65921	65921
LP-12	I	1941	200 X 200	27'8"	VAW-78/HCS-4			69730	69730
LP-13	I	1941	200 X 200	27'8"	VRC-40			66846	66846
LP-14	I	1942	200 X 200	27'8"	AIMD/AMCM TRAINING			64200	64200
LP-33	II	1992	119 X 240	42'0"	VR-56	52610			52610
LP-34	I	1994	102 X 384		UNDER CONST	77,668			77,668
SP-1	II	1941	225 X 300	32'3"	4 VAW OPERATIONAL SQUADRONS			108840	108840
SP-2	II	1941	225 X 300	32'3"	VAW-120/122			107426	107426
SP-31	II	1942	225 X 300	32'3"	HM-12/18			104579	104579
LF-34	O	1966	133 X 180		NADEP PAINT HANGAR		30960		30960
LF-53	O	1972	160 X 150		NADEP CORROSION CONTROL	33558			33558
LP-167	I	1971	642 X 120	29'	NADEP F-14 REPAIR	190934			190934
V-88	O	1944			NADEP A/C REWORK SHOP	231579	28319		259898

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Hangar ID/#	Type I, II or (O)ther	Year Built	Hangar Deck Dimensions	Limiting Height	Current Usage	In SF			
						Adequate	Substandard	Inadequate	Total
V-147	O	1971	187 X 250		NADEP A/C REWORK SHOP	179630			179630

NOTE: NADEP Facilities are not being used for squadrons. LP-167 is the only hangar which could be easily converted to squadron use due to its configuration and location. It has approximately 2.8 module equivalents of 211-06 and 211-07 space and 5.0 of 211-05.

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

SP-1, SP-2 and SP-3 are similar in construction. These facilities have deteriorated due to aging. Repair estimates for SP-1 and SP-31 exceed $2,500,000 each. SP-2 is currently under repair. The hangar spaces are inadequate to accommodate crew and equipment space (CCN 211-06) and administrative and training space (CCN 211-07). These hangars have an excess of high bay space which is not suitable for conversion to service the crew, equipment, administrative, and training requirements. There are currently no facilities to accommodate female personnel which must be provided as squadrons gain female crew members. Aircraft in the SP area must cross Bellinger Boulevard to reach the runway. This presents a hazard to other taxiing aircraft and vehicular traffic. These hangars have been identified in the BASEREP as C3 problems and MCONs P-520, P-521, and P-524 have been developed to demolish these facilities and construct new hangars.

LP area hangars have many of the same facility condition and configuration problems as the SP hangars. The facilities have deteriorated due to age. The hangar spaces are inadequate to accommodate crew and equipment space (CCN 211-06) and administrative and training space (CCN 211-07). These hangars have an excess of high bay space which is not suitable for conversion to service the crew, equipment, administrative, and training requirements. There are currently no facilities to accommodate female personnel which must be provided as squadrons gain female crew members. The LP hangars are configured such that the paved areas around them are not adequate for use as aircraft parking apron. These hangars are rated C3 on the BASEREP and MCONs P-522 and P-523 have been developed to demolish the inadequate hangars and construct 4 Type I hangars and adequate parking apron. Special Project RM20-89 (LP-3) is under construction. RM17-90 (LP-14), R18-90 (LP-4), and RM21-89 (LP-13) have been prepared to correct facility condition problems. None of the special projects will make the crew, equipment, administrative, and training spaces adequate.

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

Hangar #/ID/Type	SQD/Mod# Assignment[1]	Ops + Admin Spaces SF/ Module	Maint Shops SF/ Module (O Level)	Hangar Deck SF/Module	A/C Line parking spaces [2,3]		
					#/ Module	SF	Elec. Pwr.
LF59, I	HC-8,MOD A HC-6,MOD B	9478 9478	9225 9225	15975 15975	9 10	155216 172462	NO
LF60, I	MAG-42 DET B	10316	10642	19158	10	172462	NO
LP2, I,NS[6]	STATION AC	6679	5788	20028	4	46800	NO
LP2, I,NS[6]	VACANT	6679	5788	20028	0	0	NO
LP3, I,NS[6]	UNDER RENOVATION	15212	11578	40056	0	0	NO
LP4, I,NS[6]	HM-14[5]	8550	6252	18158	7	267592	NO
LP4, I,NS[6]	HC-2	8550	6252	18158	9	221467	NO
LP12, I,NS[6]	VAW-78 HCS-4	7995 7995	8528 5185	20014 20014	4 7	89325 122614	NO
LP13, I	VRC-40	15212	11578	40056	12	270000	NO
LP14, I[6]	AIMD HM-12 TRAINER			55931 8269	0	0	NO
LP33, II	VR-56	12025	12025	28560	3	106819	NO
SP1, II, NS[6]	VAW-121 VAW-123 VAW-124 VAW-125	4058 4058 4058 4058	3293 3293 3293 3293	19541 19541 19541 19541	3 3 3 3	66993 66993 66993 66993	NO
SP2, II, NS[6]	VAW-120 VAW-122	9500 9500	6602 6602	37610 37610	13 5	290306 111656	NO
SP31, II, NS[6]	HM-12 HM-18	9967 6704	7122 6081	36236 36236	7 6	267592 229365	NO
TOTAL		170,072	141,645	566,236	118	2791648	

Footnotes:

[1]Provide which SQD/Det was assigned to the specific module at receipt of this Data Call. (i.e., VFA-15, Hgr 1, Mod C)
[2] Dedicated aircraft parking spaces per Module and total square feet (SF) of A/C line parking spaces
[3] Are there A/C line parking spaces supported by permanently installed electric power? (Y/N)
[4] LP-14 is not being used for squadrons. One-fourth of the hangar bay is utilized for an airborne mine countermeasure trainer and the remainder is used by the stations Aircraft Intermediate Maintenance Dept.
[5] HM-14 is normally assigned space in hangar LP-3, but was moved to hangar LP-4 because of renovations in hangar LP-3.
[6] Modules are non-standard and do not meet P-80 criteria for size and distribution of space.

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

All MCON projects demolish existing hangar, therefore no additional or increased capacity beyond that necessary to meet assigned loadings will be created.

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

None

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

No land is currently available off base for expansion. Hangar expansion is limited by the ability to provide adequate parking apron. Environmental and AICUZ restrictions have no impact on ability to expand hangar facilities.

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

Squadron/Detachment	#/Type Aircraft	Deployed Location
VAW-121	4 E-2C	MEDITERRANEAN

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

Squadron/Detachment	#/Type Aircraft	Hanger Module Assignment
VAW-122	6 E-2C	SP-2 NORTH SIDE

UIC: 00188

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

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

Aircraft Type	Current # of Aircraft Parked/Stationed	Maximum Additional Capacity (# of Aircraft)		Total (Current + Additional)	
		NAVFAC	Surge	NAVFAC	Surge
E-2C	42	10	10	52	52
C-9	3	2	2	5	5
C-2A	17	5	5	22	22
H-3	12	8	8	20	20
H-53E	23	3	3	26	26
H-46	34	6	6	40	40
H-60	9	0	1	9	10
UC-12B	4	4	4	8	8

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

MCON P-522, previously programmed for FY-96, planned the demolition of Hangars LP2 and LP12. In preparation for this, spaces have been vacated to accommodate a shift of squadrons. Currently, 1/2 of Buildings LP2, LP3, and LP4 have been vacated. The additional capacity figures are based on occupying these hangars. The problem associated with this is the lack of adequate parking apron and 211-06/211-07 space.

UIC: 00188

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

CCN	Type of Facility	In SF				# of Units	Year Built
		Adequate	Substandard	Inadequate	Total		
211-01	Aircraft Acoustical Enclosure	0	0	0	0		
211-02	Nose Hangar	903	0	0	903	1	1955
211-03	Corrosion Control Hangar	34518	0	0	34518	2	1972
211-75	Parachute/Survival Equipment Shop	45092	0	14834	299296	3	1950
211-81	Engine Test Cell	54040	9339		63379	4	1962
211-88	Power Check Pad with Sound Suppression	0	1 (EA)	0	1	1	1941
211-89	Power Check Pad without Sound Suppression	0	0	0	0	0	
211-96	Maintenance, Aircraft Spares Storage	47312	00	44387	91699	25	1951
116-10	Airfield Washrack Pavement	2533	0	0	2533	1	1965
116-15	Aircraft Rinse Facility				0		
214-30	Refueling Vehicle Shop		973	1169	2142	2	1944 1945
218-60	Aircraft Ground Support Equipment	33756	8000		41756	3	1957 1987 1988
	Other				0		

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

Information in table is taken from NFADB.

UIC: 00188

CCN	BUILDING	DEFICIENCY CODES (NAVFAC 11010.44E)
211-75	LP14	D30,D39,G2
	SP234	B10,F30,D39
116-10	SP296	D30,D39
214-30	LP65	C30,D30,B30
211-96	NM61V1/V3	D30,D36,D39
	SP5,6,7,8, 66,102,267	F30,D39
	SP31,241	F30
	SP9	B30,D39

211-75

LP-14 was not designed to be used as a parachute/survival equipment shop. SP-234 is in poor condition. MCON P280 will construct a new parachute/survival equipment shop.

116-10

SP-296 has been repaired and is now adequate, however, the NFADB does not reflect this.

214-30

LP-65 is insufficiently sized to meet its current use.

211-96

NM-61, V1, V3 are temporary structures and are planned to be demolished as soon as funds become available.

SP-5, 6, 7, 8, 66, 102, and 267 are all small sheds that are located next to the SP hangars and are in poor condition due to age and deterioration. Their repair cost would exceed replacement cost.

SP-31 is inadequate for same reasons discussed in 17d with regard to facility condition. It is not designed for use as storage.

SP-241 is a semi-permanent structure and is in poor overall condition. No plans have been made to correct this problem.

SP-9 is inadequate for a previous use but is adequate for the present use.

A new washrack and rinse facility are currently under design.

UIC: 00188

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

Aircraft Type	Current # of Aircraft	Additional # of Aircraft[2]	Total
E-2C	40 + 7[1]	0	47
C-2A	19 + 4[1]	0	23
H-53	20	0	20
H-46	27	0	27
H-46E	12	0	12
H-60	7	0	7
H-3	8	0	8
C-9B	4	0	4
C-12	6	0	6
Transient	NA	NA	NA

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

[1] Additional E-2C and C-2A aircraft will be gained as a result of single sighting of E-2 FRS. Limiting factors are test equipment, facilities, and personnel.

[2] Due to constrained resources, AIMD Norfolk has already reached the maximum number of aircraft that can be supported at the present facility in several component/process areas. Backlog figures and resource constraints for each division are listed in paragraph 19.b.. Adding more aircraft to the current base loading would further exacerbate the existing backlog in those areas listed. It is not possible to predict at what level these backlogs would become unacceptable in terms of tenant command readiness, as unavailable mission critical items are managed on a case by case basis by the wing commanders. In addition to test equipment, facilities, and personnel constraints, OFC funding has been decreased from first to second to third quarters of FY94 -- a contributing factor to rising backlogs and diminishing throughput across the board. The third quarter OFC grant was 60% of first quarter.

The following areas currently have excess capability available: work center 430 (propellers), wc 41N (T-64 engines), wc 411/440 (rotor heads), wc 51D (machine shop), wc 51E (tire shop), wc 530 (nondestructive test/inspection); wc 61A and 61B (navigation/communication), and wc 81A (parachutes, slings).

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

The following data was taken from the daily production report but does not include AWP backlog.

AIMD, NAS Norfolk

Average daily backlog for AIMD, NAS Norfolk, based on the first quarter CY94, is 671 items. Average daily backlog for EXREPs is 54. The average backlog time for the department is 5 days; obtained by adding average scheduling time and average awaiting parts time for the past 6 months.

400 Division (Power Plants)

Average daily backlog for the division, based on the first quarter CY94, is 169 items.

Reasons: Test Cell quiet hours and supply shortfall.

500 Division (Airframes)

Average daily backlog for the division, based on the first quarter CY94, is 33 items.

Reasons: C-2/E-2 oiler cooler doors: oiler cooler doors on the average require 300-400 man-hours to rebuild. We are currently the only repair facility performing this task. C-2/E-2 engine cowling and doors: cowling and doors require on an average of 300 man-hours to rebuild. There are no jigs available for alignment which is extremely critical.

600 Division (Avionics)

Average daily backlog for the division, based on the first quarter CY94, is 120 items.

Reasons: Continued excessive backlog in work center 65F due to inadequate number of RADCOM Test Stations. Three stations currently on hand, 4-5 needed to cope with workload. Average backlog is 40 items. Work center 690-CAT III D: 2 weeks to 3 months backlog due to supply availability on the following SRA's, A3 card of 8K core memory; A1A10 card of NAV Converter; A111, A312 & A208 cards for Coder/Decoder; A211 and A209 cards of the Signal Processor; A5 card of ANCU.

670 Division (PME)

Average daily backlog for the division, based on the first quarter CY94, is 149 items.

Reasons: Backlog on various test equipment is due to limited number of personnel (billets). The repair for rejected calibration items backlog stays at around 80 to 100. AIMD Norfolk's cal lab processes over 6000 items per year.

800 Division (ALSS)

Average daily backlog for the division, based on the first quarter CY94, is 29 items.

Reasons: Pre-expended bin demands frequently exceed supply and multi-place rafts often wait to be inflated for check due to space limits.

900 Division (Support Equipment)

Average daily backlog for the division, based on the first quarter CY94, is 171 items.

Reasons: Availability of parts and not mission capable supply waiting time.

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

NONE PROGRAMMED

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

400 Division (Power Plants)

Hush houses (need 2); the cost is estimated at $2,500,000 (based on NADEP figures)/ per hush house.

Additional work space; the size is 40,000 square feet at a cost of $1,670,000 (cost based on NAS Oceana MILCON), would increase maintenance capacity by about 25%

600 Division (Avionics)

Expanded Huntron facility. Buy one more Huntron station and a scanner. Approximate cost: $2,700, 25% capacity increase. Also develop gold/silver disks for common avionics modules.

800 Division (ALSS)

Room addition (15' x 35') for raft shop would provide additional space and eliminate need to wait for space to open up to increase capacity by about 25%. Cost estimate of $25,000 provided by NAS Norfolk FMD.

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

NONE

UIC: 00188

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

CCN	Facility Type	Unit of Measure	Adequate	Substandard	Inadequate	Total	Number of Units
111-20	Landing Pads	SF	2222		1111	3333	2
121-10	Direct Fueling	OL/GM				0	
124-30	Fuel Storage	GA	761196	1169526	1108855	3039577	
421-xx	Ammunition Storage	CF/TONS	630.82			630.82	
425-xx	Open Ammunition Storage	SF			16000	16000	
113-20	Parking Aprons	SF	4071969	323217	2407572	6802758	4
113-40	Access Aprons	SF	320985		74997	395982	4
116-56	Combat Aircraft Ordnance Loading Area	SF	240777			240777	
	Other						

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

CCN	BUILDING	DEFICIENCY CODES
111-20	**SP371**	**D30,D39**
124-30	**LP41**	**D30,D39**
	LP42	**D30,D39**
113-20	**SP AREA**	**D30,C30**
	AMC AREA	**D30,C30**
	LF AREA	**D30,C30**
	LP AREA	**D30,C30,D37**
113-40	**LP AREA**	**D30**

111-20
SP-371 is inadequate due to condition of the pavement. It is currently being repaved to make it adequate.

124-30
LP-41 and lp-42 are sired in violation of airfield safety criteria. No MCON has been developed but this issue has been addressed o the BASEREP as a C3 problem.

113-20
SP area has inadequate pavement due to condition. It could be made adequate by replacing the concrete and may require base and sub base repair.
LP area is not configured to allow safe parking of aircraft. Adequate parking could be provided by demolishing LP-2 and LP-12 as identified in MCON P-522. This problem is rated in the BASEREP as C3.

113-40
LP area access apron is inadequate due to configuration. This problem will be solved if the hangar MCON program that demolished inadequate hangars and constructs new ones is completed.

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

None

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

Construct additional parking apron 150'X 940' @ $ 800K to create peripheral taxiway for E-2 aircraft where no paved area currently exists.

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

No land is currently available off base for expansion. Wetlands in the weapons compound could hinder expansion but could be overcome with mitigation.

UIC: 00188

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

Squadron/Det	Open Storage Reqt/Laydown(SF)	Covered Storage Reqt/Laydown(SF)	General Characterization of Equiment/Supplies stored
AIMD 900 DIVISION	50,000	9,120	Various pieces of support equipment; tow tractors, NC-8s, stands, and other pieces of SE.

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

Squadron/Det	Open Storage Reqt/Laydown(SF)	Covered Storage Reqt/Laydown(SF)	General Characterization of Equiment/Supplies stored
AIMD 900 DIVISION	50,000	9,120	SAME AS ABOVE

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

CCN	Facility Type	Ave Age	Unit Measure	Adequate	Substandare	Inadequate	Total	Comments
441-xx	General Supply Storage-Covered	47.4	SF	323004	65280	465284	853568	
451-xx	General Supply Storage - Open	34	SY	8000	0	10000	18000	

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

CCN	BUILDING	DEFICIENCY CODES	NOTES
441-10	**SP86**	**A27,A01,C10**	**These four buildings**
	SP87	**A27,C10**	**are structurally unsound**
	SP89	**F30**	**and need to be replaced**
441-71	**SP88**	**F30**	

441-10

SP-86, 87 and 89 are beyond economical repair and were recommended for demolition by the Public Works Center Long Range Maintenance Planning inspectors due to the structural integrity of the facilities.

441-71
SP-88 is identical to the above mentioned facilities and has the same recommendations.

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

Squadron/Det	Storage: (O)pen or (C)overed	Laydown: SF	Location	Navy (O)wned or (L)eased
None[1]				

[1] There is no suitable land available off base for expansion. Wetlands in the weapons compound could hinder expansion but could be overcome with mitigation.

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

Building Type	NAVFAC (P-80) CCN	Installation space (SF)			
		Adequate	Substandard	Inadequate	Total
Production Facilities	220-xx	137	0	0	137
RDT & E Facilities	300-xx	0	242190[1]	0	24219
Supply Facilities	400-xx	492122	65280	545960	1103362
Hospital, Medical, Dental	500-xx	2992	0	0	2992
Administrative Facilities	600-xx	656699	84148	257347	998194
Utilities/Grounds Improvements	800-xx	30268	4545	3671	38484
	TOTAL				

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

[1]Facility S-33 was inadequate for a previous user but is substandard for current user. This is not reflected in the current NFADB. A revision to the NFADB is being addressed.

UIC: 00188

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

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply(KWH)	150,000	150,000	100,000	115,000
Natural Gas (CFH)	20.5	0	15	25
Sewage (GPD)	4,500,000	0	3,500,000	6,000,000
Potable Water (GPD)	4,500,000	0	3,500,000	6,000,000
Steam (PSI & lbm/Hr)	320PSI/720 125PSI/670	0	355 IBM/HR 335 IBM/HR	1380
Long Term Parking	510	0	303	450
Short Term Parking	13242	0	8354	12500

NOTE: Values in table represent the identified capacity of the utility grid, not generating capacity. The capacity of the grid includes entire NAVBASE complex. Parking capacities represent parking at NAS Norfolk only and do not include entire NAVBASE complex.

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

No additional capacity is provided. The infrastructure of the base is sufficient to meet demands for currently planned future requirements. The increased sewage, warter, steam and electrical loads generated by barracks currently under construction can be accomodated by the system.

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

No effect predicted at this time.

Revised pg

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

MRP: Maintenance of Real Property Dollars is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs, and minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call, MRP includes all M1/R1 and M2/R2 expenditures.

CPV: Current Plant Value of Class 2 Real Property is the hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

ACE: Acquisition Cost of Equipment is the total acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

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Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
FY1985	[1]	856.9	[1]
FY1986	[1]	871.7	[1]
FY1987	[1]	882.7	[1]
FY1988	[1]	954.4	[1]
FY1989	10.834	983.0	28.2
FY1990	8.714	NOT AVAIL	28.38
FY1991	10.496	1034.4	28.57
FY1992	14.938	1056.6	28.76
FY1993	10.647	1130.5	28.96
FY1994	6.621	[1]	29.18
FY1995	**7.492 R**	[1]	29.39
FY1996	**7.154 R**	[1]	29.61
FY1997	**6.700 R**	[1]	29.83

[1]Data not available for MRP and ACE prior to 1989.

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

MRP: Maintenance of Real Property Dollars is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs, and minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call, MRP includes all M1/R1 and M2/R2 expenditures.

CPV: Current Plant Value of Class 2 Real Property is the hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

ACE: Acquisition Cost of Equipment is the total acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

UIC 00188

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
FY1985	[1]	856.9	[1]
FY1986	[1]	871.7	[1]
FY1987	[1]	882.7	[1]
FY1988	[1]	954.4	[1]
FY1989	10.834	983.0	28.2
FY1990	8.714	NOT AVAIL	28.38
FY1991	10.496	1034.4	28.57
FY1992	14.938	1056.6	28.76
FY1993	10.647	1130.5	28.96
FY1994	6.621	[1]	29.18
FY1995	7492	[1]	29.39
FY1996	7154	[1]	29.61
FY1997	6700	[1]	29.83

[1]Data not available for MRP and ACE prior to 1989.

UIC: 00188

25b. Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard[1]		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
SP29 721-11	334	103			334	30870		
U16 721-11	328	90 + OPEN BAY			328	29520		
U20 721-11	118	38			118	10620		
U111 721-11	60	30			60	5400		
MB28 721-11	300	79			300	27000		
MCON P-721 721-11	536	268	536	96480				
SP29 721-12	232	136			232	31320		
U16 721-12	196	116			196	26460		
U20 721-12	75	44			75	3300		
U112 721-13	38	38	17	4250	21	5250		
SP64 721-13	34	34			34	8500		
SP47 724-11	44	44	44	11000				
SP48 724-11	44	44	44	11000				
SP17 724-11	26 88	26 88	26 88	10400 35200				

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

A. Facility type/code:
B. What makes it inadequate?
C. What use is being made of the facility?
D. What is the cost to upgrade the facility to substandard?
E. What other use could be made of the facility and at what cost?
F. Current improvement plans and programmed funding:
G. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

[1]Many facilities will be considered substandard when the new standards go into effect.

UIC: 00188

25a. Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
SP29 721-11	334	103	334	30060				
U16 721-11	328	90+OPEN BAY	328	29520				
U20 721-11	118	38	118	10620				
U111 721-11	60	30	60	5400				
MB28 721-11	300	79	300	27000				
SP29 721-12	232	136			232	31320		
U16 721-12	196	116			196	26460		
U20 721-12	75	44			75	3300		
U112 721-13	38	38	17	4250	21	5250		
SP64 721-13	34	34			34	8500		
SP47 724-11	44	44	44	11000				
SP48 724-11	44	44	44	11000				
SP17 724-11	26 88	26 88	26 88	10400 35200				

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

A. Facility type/code:
B. What makes it inadequate?
C. What use is being made of the facility?
D. What is the cost to upgrade the facility to substandard?
E. What other use could be made of the facility and at what cost?
F. Current improvement plans and programmed funding:
G. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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

None

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

No family housing assigned to this UIC

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	None			
Officer	3				
Officer	1 or 2				
Enlisted	4+				
Enlisted	3				
Enlisted	1 or 2				
Mobile Homes					
Mobile Home lots					

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

A. Facility type/code:
B. What makes it inadequate?
C. What use is being made of the facility?
D. What is the cost to upgrade the facility to substandard?
E. What other use could be made of the facility and at what cost?
F. Current improvement plans and programmed funding:
G. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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

None

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

Navy Public Works Center, Norfolk,Va. UIC N00187.

UIC: 00188

28a. Provide data on the messing facilities assigned to your current plant account.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
U-16 GALLEY MAIN LINE SIDE	6390	208	6390					
U-16 GALLEY SPEED LINE SIDE	6390	231	6390					

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

A. Facility type/code:
B. What makes it inadequate?
C. What use is being made of the facility?
D. What is the cost to upgrade the facility to substandard?
E. What other use could be made of the facility and at what cost?
F. Current improvement plans and programmed funding:
G. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

UIC: 00188

28b. Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
U-16 GALLEY MAIN LINE SIDE	6390	208	6390					
U-16 GALLEY SPEED LINE SIDE	6390	231	6390					

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

A. Facility type/code:
B. What makes it inadequate?
C. What use is being made of the facility?
D. What is the cost to upgrade the facility to substandard?
E. What other use could be made of the facility and at what cost?
F. Current improvement plans and programmed funding:
G. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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

29a. Real Estate Resources. Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

Real Estate Resources

Site Location: NAS NORFOLK

Land Use[1]	Total Acres	Developed Acreage	Available for Development	
			Restricted[2]	Unrestricted
Maintenance	542.08	525.90	0	16.18
Operational	512.31	434.31	58	20
Training	4.41	4.41	0	0
R & D	0	0	0	0
Supply & Storage	492.51	492.51	0	0
Admin	59.2	59.2	0	0
Housing	111.0	106.4	0	4.6
Recreational	69.0	39.0	30	0
Navy Forestry Program	145	145	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other	57.32	50.20	4.12	3.00
Total:	1,847.83	1,711.93	92.12	43.78

[1] Harvey Point has 1385.61 acres in North Carolina which are on the NAS Norfolk plant account. NAS has no direct communication with Harvey Point and does not have knowledge of its current uses or potential for development. Its ownership is currently being transferred to COMNAVBASE Norfolk.
[2] Restricted land includes wetlands and ESQD arcs.

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

- As NADEP Norfolk closes, adequate ramp space and hanger space could accommodate additional squadrons.

- Completion of major BQ renovations in FY94 has improved both quality and capacity for transient personnel.

- Regional Hub maintenance facility for all aircraft will be located at NAS Norfolk.

- Classroom space is at a premium, however with the disestablishment of the LAMPS MKI community and pending relocation of the AMCM community, classroom/training facilities will be available.

- Proximity to major airspace training areas.

- Colocation with LANTFLT maximizes training opportunities with fleet units at minimum costs.

- Unparalleled health and recreational facilities.

- Major transportation hub for both military and commercial travel.

- Strong community support which encourages growth within the military complex.

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

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

30a. Provide present and predicted inventories (coordinate with inventory control manager) and maximum rated capability of all stowage facilities at each weapons storage location controlled by this activity. In predicting the out year facility utilization, distribute overall ordnance compliment to the most likely configuration. The maximum rated capability is also an out year projection taking into account any known or programmed upgrades that may increase current stowage capacity. When listing stowage facilities, group by location (e.g. main base, outlying field, special area).

Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
NM-29	6.0	1000	176.0	3200	220	4000
NM-30	2.0	250	92.0	4000	115	5000
NM-31	0	0	P/C	4000	P/C	5000
NM-32	3.5	700	20.8	4000	26	5000
NM-42	0	0	8.0	760	10	954
NM-5	32.9	1500	P/C	2400	P/C	3000
NM-12	.7	10.5	12.0	112	15	140
NM-13	1.0	35	12.0	112	15	140
NM-14	.3	.98	12.0	112	15	140
NM-15	.1	8.4	12.0	112	15	140
NM-16	0	0	12.0	112	15	140
NM-17	.9	15.4	12.0	112	15	140

UIC: 00188

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
NM-18	0	0	12.0	112	15	140
NM-8	0	0	12.0	112	15	140
NM-19	0	0	12.0	112	15	140
NM-20	1.0	3.22	P/C	112	P/C	140
NM-21	1.0	25.2	P/C	112	P/C	140
NM-22	1.0	42.0	P/C	112	P/C	140
NM-7	70.0	1200	P/C	3200	P/C	4000
NM-9	0	0	N/A	640	N/A	800
NM-26	3.0	210	P/C	2400	P/C	3000
NM-27	7.9	960	P/C	2400	P/C	3000
NM-170	0	0	P/C	12000	P/C	12500
NM-28	0	0	16.4	1400	20.61	1771
NM-24	1.2	62.5	12.0	1000	15	1250
NM-80	0	0	14.0	900	17.5	1125
NM-23	0	0	1.07	1000	1.34	1250
NM-4	0	0	18.0	1000	22.5	1250
NM-10	.6	1.68	12.6	112	15.87	140
NM-11	.4	1.26	P/C	112	P/C	140
NM-164	0	0	0	0	2	525
NM-165	0	0	0	0	2	525
NM-166	0	0	0	0	2	525
NM-171	0	0	0	0	2	525
NM-172	0	0	0	0	2	525
NM-173	0	0	0	0	2	525
NM-174	0	0	0	0	2	525
NM-156	0	0	0	0	2	525
NM-157	0	0	0	0	2	525
NM-158	0	0	0	0	2	525
NM-159	0	0	0	0	2	525
NM-159	0	0	0	0	2	525

UIC: 00188

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
NM-160	0	0	0	0	2	525
NM-161	0	0	0	0	2	525
NM-162	0	0	0	0	2	525
NM-163	0	0	0	0	2	525
TOTAL	133.50	6,026.14	478.87	31,708.00	630.82	48,035.00

P/C = physical capacity

30b. For each Stowage facility identified in question 1.1 above, identify the type of facility (specify if "igloo", "box", etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

- Identify the reason(s) for which this ordnance is stored at your facility from the following list: own activity use (training); own activity use (operational stock); Receipt/Segregation/ Stowage/Issue (RSSI); transhipment/awaiting issue; deep stow (war reserve); deep stow (awaiting Demil); other. Explain each "other" entry in the space provided, including ordnance stowed which is not a DON asset.

Total Facility Ordnance Stowage Summary

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
NM-29 BOX	CADS	Operational; Stock& Training, Transhipment	pyro/CADS/ Small Arms
NM-30 BOX	CADS	" "	pyro/CADS/ Small Arms
NM-31 BOX	Small Arms	" "	pyro/CADS/ Small Arms
NM-32 BOX	Gun Ammo	" "	Bombs, Mines, Torpedoes, Air Launched, Surface Launched, DEMO, Rockets, Gun Ammo, Small Arms, Pyro, CADS
NM-42 Open Storage	Surface Launched	" "	Bombs, Mines, Torpedoes, Air Launched, Surface Launched, DEMO, Rockets, Gun Ammo, Pyro, CADS
NM-5 SP&P	Small Arms	" "	pyro/CADS/ Small Arms

UIC: 00188

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
NM-12 Arch	DEMO	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades
NM-13 Arch	Grenades	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades
NM-14 Arch	DEMO	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades
NM-15 Arch	Bombs	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades
NM-16 Arch	Small Arms pyro	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades
NM-17 Arch	DEMO	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades
NM-18 Arch	DEMO	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades
NM-8 Arch	Small Arms	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades
NM-19 Arch	Small Arms	" "	DEMO, Gun Ammo, Small Arms, Pyro, CADS, Grenades

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
NM-20 Arch	Small Arms	" "	pyro/CADS/ Small Arms
NM-21 Arch	Small Arms	" "	pyro/CADS/ Small Arms
NM-22 Arch	Small Arms	" "	pyro/CADS/ Small Arms
NM-7 SP&P	Small Arms	" "	pyro/CADS/ Small Arms
NM-9 SP&P	Small Arms	" "	pyro/CADS/ Small Arms
NM-26 SP&P	Small Arms	" "	pyro/CADS/ Small Arms
NM-27 SP&P	Small Arms	" "	pyro/CADS/ Small Arms
NM-170 Open Storage			
NM-28 Open Storage	Empty	" "	Bombs, Mines, Tropedoes, Air Launched, Surface Launched, DEMO, Rockets, Gun Ammo, Small Arms, Pyro, CADS
NM-24 Igloo	Pyro	" "	Bombs, Mines, Tropedoes, Air Launched, Surface Launched, DEMO, Rockets, Gun Ammo, Small Arms, Pyro, CADS

UIC: 00188

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
NM-80 Igloo	Other: Riot Contrl	" "	Bombs, Mines, Tropedoes, Air Launched, Surface Launched, DEMO, Rockets, Gun Ammo, Small Arms, Pyro, CADS
NM-23 Igloo	Small Arms	" "	Bombs, Mines, Tropedoes, Air Launched, Surface Launched, DEMO, Rockets, Gun Ammo, Small Arms, Pyro, CADS
NM-4 Igloo	Rockets	" "	Bombs, Mines, Tropedoes, Air Launched, Surface Launched, DEMO, Rockets, Gun Ammo, Small Arms, Pyro, CADS
NM-10 Arch	Grenades	" "	Bombs, Mines, Tropedoes, Air Launched, Surface Launched, DEMO, Rockets, Gun Ammo, Small Arms, Pyro, CADS
NM-11 Arch	Small Arms	" "	Pyro/CADS/ Small Arms
NM-164 Multi- Thru Arch NM-163	Empty	Deep Stow	Special Weapons

Additional comments:

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30c. Identify the rated category, rated NEW and status of ESQD arc for each stowage facility listed above.

Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
NM-29	1.3	440K	Y	N	N/A
NM-30	1.2(04)	230K	Y	N	N/A
NM-31	1.2(08)	P/C	Y	N	N/A
NM-32	1.2	52K	Y	N	N/A
NM-42	1.1	20K	Y	N	N/A
NM-5	1.2(08)	P/C	Y	N	N/A
NM-12	1.1	30K	Y	N	N/A
NM-13	1.1	30K	Y	N	N/A
NM-14	1.1	30K	Y	N	N/A
NM-15	1.1	30K	Y	N	N/A
NM-16	1.1	30K	Y	N	N/A
NM-17	1.1	30K	Y	N	N/A
NM-18	1.1	30K	Y	N	N/A
NM-8	1.1	30K	Y	N	N/A
NM-19	1.1	30K	Y	N	N/A
NM-20	1.2	P/C	Y	N	N/A
NM-21	1.2	P/C	Y	N	N/A
NM-22	1.2	P/C	Y	N	N/A
NM-7	1.2	P/C	Y	N	N/A
NM-9	N/A	N/A	Y	N	N/A
NM-26	1.2	P/C	Y	N	N/A
NM-27	1.2	P/C	Y	N	N/A
NM-170	1.2	P/C	Y	N	N/A
NM-28	1.1	41K	Y	N	N/A

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
NM-24	1.1	30K	Y	N	N/A
NM-80	1.1	35K	Y	N	N/A
NM-23	1.1	2.5K	Y	N	N/A
NM-4	1.1	45K	Y	N	N/A
NM-10	1.1	31.7K	Y	N	N/A
NM-11	1.2	P/C	Y	N	N/A
NM-164	1.1	4K	Y	N	N/A
NM-165	1.1	4K	Y	N	N/A
NM-166	1.1	4K	Y	N	N/A
NM-171	1.1	4K	Y	N	N/A
NM-172	1.1	4K	Y	N	N/A
NM-173	1.1	4K	Y	N	N/A
NM-174	1.1	4K	Y	N	N/A
NM-156	1.1	4K	Y	N	N/A
NM-157	1.1	4K	Y	N	N/A
NM-158	1.1	4K	Y	N	N/A
NM-159	1.1	4K	Y	N	N/A
NM-160	1.1	4K	Y	N	N/A
NM-161	1.1	4K	Y	N	N/A
NM-162	1.1	4K	Y	N	N/A
NM-163	1.1	4K	Y	N	N/A

P/C = physical capacity.

30d. Identify any restrictions which prevent maximum utilization of your facilities. If restrictions are based on facility conditions, specify reason, the cost to correct the deficiency, and identify any programmed projects that will correct the deficiency and/or increase your capability.

Restrictions which prevent maximum use (designed capability of structures) of this facility are Inhabited Building Distances and Public Traffic Routes. Public encroachment of the station boundary prohibits future expansion. It would be cost prohibitive and impractical to assume this area could be used to it's fullest potential given the Non-DOD population.

30e. Identify if your activity performs any of the following functions on any of the ordnance commodities previously listed. Technical support includes planning, financial, administrative, process engineering and SOP support. Within each related function identify each ordnance commodity type for which you provide these services and the total Direct Labor Man Hours (DLMHs) expended (FY 1994); identify only those DLMHs expended by personnel under your command.

Related Ordnance Support

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance (specify level)	N		
Testing	N		
Manufacturing	N		
Outload	Y	Mines	500
	Y	Torpedoes	11,620
	Y	Air Launched	15,300
	Y	Surface Launched	12,830
	Y	Expendables	1,750
	Y	Inert	10,298
	Y	CADS	1,200
	Y	Rockets	503
	Y	Bombs	7,235
	Y	Gun Ammo	6,237
	Y	Small Arms	10,560
	Y	Pyrotechnics	9,238
	Y	Demolition	7,500

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Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
	Y	Grenades	2,530
Technical Support	Y	Mines	300
	Y	Torpedoes	5,290
	Y	Air Launched	4,325
	Y	Surface Launched	3,985
	Y	Expendables	250
	Y	Inert	3,065
	Y	CADS	175
	Y	Rockets	68
	Y	Bombs	1,035
	Y	Gun Ammo	986
	Y	Small Arms	4,892
	Y	Pyrotechnics	1,734
	Y	Demolition	653
	Y	Grenades	75

NAS NORFOLK UIC N00188
DATA CALL SIXTEEN

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

Admiral
Title Commander in Chief
U. S. Atlantic Fleet

Date 7/29/94

Activity _____

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

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

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

18 AUG 1994
Date

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

NEXT ECHELON LEVEL (if applicable)

RADM PAUL D. MOSES
NAME (Please type or print)

Signature

COMMANDER, NAVAL BASE, NORFOLK
Title

Date

NAVAL BASE, NORFOLK
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

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

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

NAME (Please type or print)

Signature

Title

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

E. L. DUCKWORTH, CAPT USN
NAME

Signature

COMMANDING OFFICER
Title

24 MAY 1994
Date

NAVAL AIR STATION, NORFOLK
Activity

NAVAL AIR STATION NORFOLK UIC N00188
DATA CALL SIXTEEN REVISED PG 64

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)

J. B. GREENE, JR.
NAME (Please type or print)

J B Greene Jr
Signature

ACTING
Title

18 AUG 1994
Date

4

NAS NORFOLK UIC 00188
DATA CALL SIXTEEN REVISED PG 45

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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

Signature

Admiral
Title Commander in Chief
U.S. Atlantic Fleet
Activity

01 NOV 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)

Signature

Title

11/15/94
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**NORFOLK VA NAS**
Unit Identification Code (UIC):	**N00188** #4
Major Claimant:	**LANTFLT**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	191	AIR OPS BUILDING	MCON	3,400
1998	296	AIR PASSENGER TERMINAL	MCON	14,000
		Sub-Total - 1998		**17,400**
		Grand Total		**17,400**

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

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DATA CALL 64
CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**NORFOLK VA NAS**
Unit Identification Code (UIC):	**N00188**
Major Claimant:	**LANTFLT**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1999	731	ENLISTED MESS HALL	MCON	1,600
		Sub-Total - 1999		**1,600**
2001	281	AIMD COMPLEX REP PH I	MCON	14,682
2001	514	COMB STRUC/AC FIRE/RES STA	MCON	2,020
2001	523	ACFT MAINT HANGAR	MCON	9,934
		Sub-Total - 2001		**26,636**
		Grand Total		**28,236**

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)

MDThornton
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

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DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**NORFOLK VA NAS**
Unit Identification Code (UIC):	**N00188**
Major Claimant:	**LANTFLT**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1992	014	SH-2G TRAINER ADDITION	MCON	960
		Sub-Total - 1992		**960**
1998	191	AIR OPS BUILDING	MCON	3,400
1998	296	AIR PASSENGER TERMINAL	MCON	14,000
		Sub-Total - 1998		**17,400**
		Grand Total		**18,360**

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

12/11/94
Date

Document Separator

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ENVIRONMENTAL DATA CALL:
NAS NORFOLK

20 APRIL 1994

NAS NORFOLK UIC: N00188

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

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NAS NORFOLK UIC: N00188

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 w/ UICs that are covered in this response.

The tenant list was provided in NAS Norfolk Data Call One, question 12.

NAS NORFOLK UIC: N00188

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:_____

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?	**YES**
Has a wetlands survey in accordance with established standards been conducted for your base?	**YES**
When was the survey conducted or when will it be conducted? **03/11/91**	
What percent of the base has been surveyed?	**100**
What is the total acreage of jurisdictional wetlands present on your base?	**72.12**

Source Citation: **Fish and Wildlife Service aerial survey (Sean Heaney, COMNAVBASE Norfolk N43B)**

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.

An updated version of Data Call 1 map has been provided.

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 "Cultural Resources Survey Report", March 1994, as prepared by the Atlantic Division Naval Facilities Engineering Command identified cultural resources at Naval Air Station Norfolk as follows.

a. Buildings, structures and objects of the Naval Air Station represent a diversity of types and designs of the late 1930's to mid 1950's including a classical Art Deco air operations building. Eighty-six building/structures have been surveyed for potential inclusion on the National Register of Historic Places.

3b.

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	YES

The Naval Air Station, through appropriate channels, uses or will use 106 consultations with the State Historic Preservation Officer to coordinate operations and development plans to ensure preservation of existing/potential historic sites and their records.

3c.

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	NO

4. ENVIRONMENTAL FACILITIES

Notes: If your facility is permitted for less than maximum capacity, state the maximum capacity and explain below the associated table why it is not permitted for maximum capacity. Under "Permit Status" state when the permit expires, and whether the facility is operating under a waiver. For permit violations, limit the list to the last 5 years.

4a.

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

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

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

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**
Material Recovery Facility	**N/A**	**6000 ppd**	**1700000 ppy**	**N/A**	**Not RCRA site permitted**

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

None

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**
None					

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.

Naval Air Station, Norfolk sanitary sewage is discharged into the Naval Station, Norfolk sewage system. There are no permitted discharge points on Naval Air Station, Norfolk other than the IWTP described in question 4f. Approximately 5 MGD of sanitary sewage is discharged from Naval Station, Norfolk. The sewage includes Naval Station, Norfolk; Naval Air Station, Norfolk; and several small commands located on Naval Base, Norfolk. The following summary of sewage permits, discharge limits, and compliance status for Naval Station, Norfolk is provided:

1. 99th Street Pump Station - HRSD Permit # 0154
Flow Limits: 6 MGD
Pollutants: Cd, Cr, Cu, Pb, Ni, Ag, Zn, Hg, O&G, Phenol, CN
Compliance Status: Cd, Hg, Pb, Phenol violations; currently under compliance agreement with local authority.

2. S&S Piers - HRSD Permit # 0155
Flow Limits: 0.75 MGD
Pollutants: Cu, Zn, O&G
Compliance Status: Cu, O&G violations; currently under compliance agreement with local authority.

3. SIMA Norfolk - HRSD Permit # 0241
Flow Limits: 0.045 MGD
Pollutants: pH
Compliance Status: In compliance.

4. NAVSTA Norfolk Deperming - HRSD Permit # 0164
Flow Limits: 0.021 MGD
Pollutants: Cu, Ag, pH
Compliance Status: In compliance.

The causes of the discharge violations are being investigated; changes to industrial processes and equipment are being implemented in the effort to eliminate violations.

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					YES
ID/Location of IWTP	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status
Bldg LP-178	chemical/ physical	150,000 gal/day	70,000 gal/day	280,000 gal/day	compliant

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

None

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system.

Oily wastewater is sent to a PWC Norfolk operated gravity separation facility located at Building Q-250 on Naval Station, Norfolk. The facility treates an average of 20,000 gallons per month; maximum facility capacity 100,000 gallons per month. Recovered oil is sent to the FISC reclamation plant at Craney Island, the water is sent to the Naval Air Station, Norfolk IWTP for disposal.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					NO
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			

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

N/A.

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.

The City of Norfolk supplies Naval Base, Norfolk with potable water. There is no current maximum daily flow rate. A new agreement will be negotiated in the next year and a maximum daily flow limit is anticipated. Such a limit is not expected to impact base operations.

4j.

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

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions.	YES
If NO, why not and provide explanation of plan to achieve permitted status.	

Naval Air Station, Norfolk has 39 NPDES permitted outfalls. Fourteen are monitored for flow and 25 have pollutant limits. Fifteen additional outfalls are monitored but not permitted to determine if there are any non-stormwater flows. The NPDES permit limits/monitoring requirements include the following parameters: flow, pH, temperature, TSS, Cu, Zn, Cr, Pb, O&G, Ni, Cd, Be, Se, Ag, CN, P, phenol, and TOC.

4l.

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

Explain:

4m.

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

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

At this time these environmental facilities will not prevent limited expansion. No expansion/upgrade projects are currently programmed.

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? **Commonwealth of Virginia Region VI (Hampton Roads Region)**
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? Yes. List site, location and name of AQCA.

Harvey Point Defense Testing Facility, located is located about 20 miles east of Edenton, North Carolina. The AQCA for Harvey Point is the Washington Region of the state of North Carolina.

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: **Naval Air Station, Norfolk** AQCA: **Region 6 (Hampton Roads)**

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]
CO	X				
Ozone		Marginal (see comments)		1993	The EPA is expected to increase Region 6 to moderate by May, 1994
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.

Site: **Harvey Point Defense Testing Facility** AQCA: **Washington Region**

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

[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.

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	0.00	550	5178.02	DNA[1]	5728.02
NOx	0.02	68	1052.8	DNA[1]	1120.82
VOC	22.43	50	5171.65	DNA[1]	5244.08
PM10	1.26	N/A	1539.15	DNA[1]	1540.41

[1]DNA = Data not available

Source Document: **Virgina Department of Environmental Quality, AP-42**

Emission Calculations:

A. Permitted Stationary

Emission calculations for Naval Air Station, Norfolk are derived from the Virginia Department of Environmental Quality annual registration update for CY90. There is one permitted facility on Naval Air Station Norfolk: an aluminum oxide blast booth at Naval Air Station, Norfolk AIMD.

Blast Booth
Aluminum Oxide
Assumption: 100% of blasted media is uncontrolled emission
baghouse PM_{10} control efficiency = 97%
throughput: 2 tons of media processed in 1990

1990 emissions:
PM_{10}: 2 tons/yr (0.03) = 0.06 tpy

B. Personal Automobiles

Emission rates for light duty gasoline powered vehicles are given in table 1.1.1b of AP-42. Based upon the number of employees of Naval Air Station, Norfolk and an average on base trip distance of 4 miles, we can calculate the emissions from personal automobiles.

Assumptions:

1. Since the vehicle year of each vehicle used in a trip on base is not known, we will assume that the average vehicle used will be 4 years old and has 50,000 miles on the odometer. From table 1.1.1b, the emission factors are as follows:

HC: 0.659 g/mile
CO: 7.321 g/mile
NO_x: 0.900 g/mile
PM_{10}: no emission factor available

2. There will be 80 vehicle (automobile) commuting trips per 100 base employees

3. The average commute is 20 miles

4. there are 240 work days in one year.

Employee numbers are not available for 1990. However, based upon Navy personnel numbers provided by the COMNAVBASE Norfolk Public Affairs Office for 1990-1993, personnel based in Norfolk in 1990 was 1.23 times the number in 1993. From BRAC Data Call 1 for Naval Air Station, Norfolk, the number of personnel as of January 1, 1994 is 14,419. Therefore, the number of employees in 1990 is:

14419 (1.23) = 17735.37 or 17,735

1990 emissions:

VOC: 17735 empl (80 veh/100 empl)(20 miles/day/veh)(240 days/yr)(0.659 g/mile) (1 ton/907200 g) = 49.5 tpy
CO: 17735 empl (80 veh/100 empl)(20 miles/day/veh)(240 days/yr)(7.321 g/mile) (1 ton/907200 g) = 549.6 tpy
NO_x: 17735 empl (80 veh/100 empl)(20 miles/day/veh)(240 days/yr)(0.900 g/mile) (1 ton/907200 g) = 67.6 tpy
PM_{10}: N/A

C. Aircraft Emissions

Aircraft emission factors are published in table II-1-10 of AP-42. Although the emission factors are given for individual aircraft types, flight operations records are not kept in that manner for 1990. Naval Air Station flight operations reports for 1991 report 146,936 total flight operations (LTOs). An average emission factor was calculated from the table from all aircraft for each pollutant:

CO: 70.48 lb/LTO
NO_x: 14.33 lb/LTO
VOC: 78.56 lb/LTO
PM_{10}: 20.95 lb/LTO

1990 emissions:

CO: 146936 LTO/yr (70.48 lb/LTO)(1 ton/2000 lb) = 5178.02 tpy
NO_x: 146936 LTO/yr (14.33 lb/LTO)(1 ton/2000 lb) = 1052.80 tpy
VOC: 146936 LTO/yr (78.56 lb/LTO)(1 ton/2000 lb) = 5771.65 tpy
PM_{10}: 146936 LTO/yr (20.95 lb/LTO)(1 ton/2000 lb) = 1539.15 tpy

D. Other Mobile

There is no emission information available prior to 1993 for other mobile sources.

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	0.00	446	1356.14	332.31	2134.45
NOx	0.00	55	287.23	44.11	386.34
VOC	0.00	40	1439.27	16.96	1496.23
PM10	0.00	N/A	396.24	2.66	398.90

Source Document: Virginia Department of Environmental Quality, AP-42

Emission Calculations:

A. Permitted Stationary

Emission calculations for Naval Air Station, Norfolk are derived from the Virginia Department of Environmental Quality annual registration update for CY93. There is one permitted facility on Naval Air Station Norfolk: an aluminum oxide blast booth at Naval Air Station, Norfolk AIMD.

Aluminum Oxide Blast Booth
Assumption: 100% of blasted media is uncontrolled emission
baghouse PM_{10} control efficiency = 97%
throughput: 0 tons of media processed in 1993

1990 emissions:
PM_{10}: 0 tons/yr (0.03) = 0.00 tpy

B. Personal Automobiles

Emission rates for light duty gasoline powered vehicles are given in table 1.1.1b of AP-42. Based upon the number of employees of Naval Air Station, Norfolk and an average on base trip distance of 4 miles, we can calculate the emissions from personal automobiles.

Assumptions:
1. Since the vehicle year of each vehicle used in a trip on base is not known, we will assume that the average vehicle used will be 4 years old and has 50,000 miles on the odometer. From table 1.1.1b, the emission factors are as follows:

HC:	0.653 g/mile
CO:	7.310 g/mile
NO_x:	0.895 g/mile
PM_{10}:	no emission factor available

2. There will be 80 vehicle (automobile) commuting trips per 100 base employees

3. The average commute is 20 miles

4. there are 240 work days in one year.

From BRAC Data Call 1 for Naval Air Station, Norfolk, the number of personnel as of January 1, 1994 is 14,419.

1993 emissions:

VOC: 14419 empl (80 veh/100 empl)(20 miles/day/veh)(240 days/yr) (0.653 g/mile)(1 ton/907200 g) = 39.9 tpy

CO: 14419 empl (80 veh/100 empl)(20 miles/day/veh)(240 days/yr) (7.310 g/mile)(1 ton/907200 g) = 446.1 tpy

NO_x: 14419 empl (80 veh/100 empl)(20 miles/day/veh)(240 days/yr) (0.895 g/mile)(1 ton/907200 g) = 54.6 tpy

PM_{10}: N/A

C. Aircraft Emissions

Aircraft emission factors are published in table II-1-10 of AP-42. Emission factors are given for most individual aircraft types. Flight operations records are only kept for individual aircraft for one month. After that, records are kept monthly on total LTOs. The most recent data month was extrapolated out to one years worth of data for each aircraft. This data was used for calculating 1993 emissions. For aircraft for which there was no published emission factor, an average emission factor was calculated from the table from all aircraft for each pollutant. The following equation was used to calculate aircraft emissions:

Emissions = acft LTOs (pollutant emission factor)(1 ton/2000 lb)

1993 emissions:

Acft	LTO/ 1993	CO		NOx		VOC		PM10	
		lb/LTO	tpy	lb/LTO	tpy	lb/LTO	tpy	lb/LTO	tpy
B52	16	504.08	4.03	53.04	0.42	505.76	4.05	94.08	0.75
C5	167	82.12	6.86	79.60	6.65	28.08	2.34	4.12	0.34
C130	2401	32.36	38.85	9.60	11.52	20.28	24.35	4.36	5.23
C141	849	92.40	39.22	19.20	8.15	87.68	37.22	33.00	14.01
F14	664	39.88	13.24	7.62	2.53	17.36	5.76	24.24	8.05
F15	79	54.40	2.15	29.96	1.18	2.68	0.11	0.44	0.02
F16	309	27.20	4.20	14.98	2.31	1.34	0.21	0.22	0.03
P3	1825	32.36	29.53	9.60	8.76	20.28	18.51	4.36	3.98
S3	101	34.28	1.73	4.04	0.20	6.44	0.33	20.95[1]	1.06
T34	159	1.73	0.14	0.15	0.01	1.27	0.10	20.95[1]	1.67
T38	228	82.72	9.43	1.22	0.14	10.42	1.19	20.95[1]	2.39
other	34244	70.48	1,206.76	14.33	245.36	78.56	1,345.10	20.95	358.71
Totals	41042		1,356.14		287.23		1,439.27		396.24

[1]No emission factor was available in table II-1-10. An average emission factor was calculated from the table from all aircraft for each pollutant.

D. Other Mobile

The only other mobile sources not already accounted for are fleet vehicles. Ground support equipment and other sources which do not move under their own power are considered portable stationary sources and not mobile sources. Public Works Center, Norfolk Transportation provided the following information on Naval Base, Norfolk fleet vehicles:

Vehicle Type	Fuel	Total Number
light duty	gasoline	2876
light duty	diesel	279
medium duty	gasoline	454
medium duty	diesel	290
heavy duty	gasoline	206
heavy duty	diesel	216

From BRAC Data Call 1 for Naval Air Station, Norfolk, the number of personnel as of January 1, 1994 (excluding enlisted personnel assigned to homeported ships) is 14,419. Total base personnel (excluding enlisted personnel assigned to homeported ships) is 47,750. Therefore, Naval Station, Norfolk personnel make up 30% of Naval Base, Norfolk personnel. Using the same ratio for fleet vehicles, the following table represents the number of fleet vehicles (by type) used by Naval Station, Norfolk:

Vehicle Type	Fuel	Total Number
light duty	gasoline	868
light duty	diesel	84
medium duty	gasoline	137
medium duty	diesel	88
heavy duty	gasoline	62
heavy duty	diesel	65

General assumptions:

1. Since the vehicle year of each vehicle used on base is not known, we will assume that the average vehicle used will be 4 years old and has 25,000 miles on the odometer.

2. According to Public Works Center, Norfolk Transportation, the average fleet vehicle travels 10,000 miles in one year. Of that, 70% is travelled on base. Therefore, the average yearly mileage for a fleet vehicle is:

$$10{,}000 \text{ miles/yr } (0.70) = 7000 \text{ miles/yr}$$

3. The average heavy duty vehicle runs 500 hr/yr

4. Because emission factors are not published for medium duty vehicles, we will use light duty vehicle emission factors for medium duty vehicles.

Light and Medium Duty Gasoline Vehicles:

Emission rates for light and medium duty gasoline powered vehicles are given in table 1.1.1b of AP-42:

VOC: 0.462 g/mile
CO: 5.007 g/mile
NO_x: 0.763 g/mile
PM_{10}: no emission factor available

1993 emissions:

VOC: (868 veh + 137 veh)(10000 miles/yr/veh)(0.462 g/mile)(1 ton/907200 g) = 5.12 tpy
CO: (868 veh + 137 veh)(10000 miles/yr/veh)(5.007 g/mile)(1 ton/907200 g) = 55.47 tpy
NO_x: (868 veh + 137 veh)(10000 miles/yr/veh)(0.763 g/mile)(1 ton/907200 g) = 8.45 tpy
PM_{10}: N/A

Light and Medium Duty Diesel Vehicles:

Emission rates for light and medium duty diesel powered vehicles are given in table 1.5.1 of AP-42:

VOC: 0.365 g/mile
CO: 1.250 g/mile
NO_x: 0.945 g/mile
PM_{10}: no emission factor available

1993 emissions:

VOC: (84 veh + 88 veh)(10000 miles/yr/veh)(0.365 g/mile)(1 ton/907200 g) = 0.69 tpy
CO: (84 veh + 88 veh)(10000 miles/yr/veh)(1.250 g/mile)(1 ton/907200 g) = 2.37 tpy
NO_x: (84 veh + 88 veh)(10000 miles/yr/veh)(0.945 g/mile)(1 ton/907200 g) = 1.79 tpy
PM_{10}: N/A

Heavy Duty Gasoline Vehicles:

Emission rates for heavy duty gasoline powered vehicles are given in table II-7.2 of AP-42:

CO: 17.0 lb/hr
VOC: 0.560 lb/hr
NO_x: 0.412 lb/hr
PM_{10}: 0.0258 lb/hr

1993 emissions:

CO: 62 veh (500 hr/yr/veh)(17.0 lb/hr)(1 ton/2000 lb) = 263.50 tpy
VOC: 62 veh (500 hr/yr/veh)(0.560 lb/hr)(1 ton/2000 lb) = 8.68 tpy
NO_x: 62 veh (500 hr/yr/veh)(0.412 lb/hr)(1 ton/2000 lb) = 6.39 tpy
PM_{10}: 62 veh (500 hr/yr/veh)(0.0258 lb/hr)(1 ton/2000 lb) = 0.40 tpy

Heavy Duty Diesel Vehicles:

Emission rates for heavy duty diesel powered vehicles are given in table II-7.1 of AP-42:

CO: 0.675 lb/hr
VOC: 0.152 lb/hr
NO_x: 1.691 lb/hr
PM_{10}: 0.139 lb/hr

1993 emissions:

CO: 65 veh (500 hr/yr/veh)(0.675 lb/hr)(1 ton/2000 lb) = 10.97 tpy
VOC: 65 veh (500 hr/yr/veh)(0.152 lb/hr)(1 ton/2000 lb) = 2.47 tpy
NO_x: 65 veh (500 hr/yr/veh)(1.691 lb/hr)(1 ton/2000 lb) = 27.48 tpy
PM_{10}: 65 veh (500 hr/yr/veh)(0.139 lb/hr)(1 ton/2000 lb) = 2.26 tpy

5e. Provide estimated increases/decreases in air emissions (Tons/Year of CO, NOx, VOC, PM10) expected within the next six years (1995-2001). Either from previous BRAC realignments and/or previously planned downsizing shown in the Presidents FY1997 budget. Explain.

No increases or decreases in emissions due to BRAC realignments are expected. Naval Air Station Norfolk will be gaining the following from BRAC realignments:

1. 18 KC-130 aircraft from MCAS Cherry Point
- According to Naval Air Station, Norfolk Facilities Management Department, Naval Air Station, Norfolk will not be receiving KC-130's from MCAS Cherry Point.

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

Naval Base, Norfolk resides in the Hampton Roads Air Quality Region, which is a marginal ozone non-attainment area. Richmond air quality control region is within 100 miles of the base.

5g. Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct.

No.

5h. Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs?

The Commonwealth of Virginia does not currently have a method for accumulating emission reduction credits. However, they intend to develop an ERC program in the near future. Because the base is in a marginal ozone non-attainment area, offsets of 1.1 to 1 are required for sources of VOC and NO_x. The potential for getting ERCs cannot be determined until an emission inventory for the base is complete (estimated completion date is August, 1994).

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	200	878	1000[2]	1000[2]	500[2]	500[2]
Hazardous Waste	N/A	0	50	20[2]	20[2]	20[2]	20[2]
Safe Drinking Water Act	N/A	45	0	300[2]	300[2]	0[2]	0[2]
PCBs	Yes	0	0	0[2]	0[2]	0[2]	0[2]
Other (non-PCB) Toxic Substance Control Act[3]	Yes	250[2]	250[2]	250[2]	250[2]	250[2]	250[2]
Lead Based Paint	No	0	0	0[2]	0[2]	0[2]	0[2]
Radon	No	0	0	0[2]	0[2]	0[2]	0[2]
Clean Water Act	N/A	190	1000	800[2]	700[2]	500[2]	500[2]
Solid Waste	N/A	0	0	20[2]	20[2]	30[2]	30[2]
Oil Pollution Act	N/A	0	0	20[2]	20[2]	20[2]	20[2]
USTs	Yes	1250	438	650[2]	600[2]	1000[2]	800[2]
Other	N/A	0	438[1]	850[1,2]	750[1,2]	500[1,2]	500[1,2]
Total		4885	6004	6860	6610	8970	8770

[1]Includes NEPA, EPCRA, and Virginia AST regulations
[2]Estimates
[3]Projects (and their associated costs) for "Other (non-PCB) Toxic Substance Control Act" from the table in 6a are not included because the costs are estimated and specific projects are not known at this time.

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

6a. continued

1994 Navy Environmental Compliance Account (NECA)

Project Description	Proposed Year of Execution	Construction[1]		Project Cost Estimate ($K)
		Begin	End	
Washrack MAC Terminal (Design)	1994	Oct 93	Apr 94	31
Phase II Air Emission Inventory	1994	Jan 94	Aug 94	217
Provide Stie Checks for 2 UST Sites (Study)	1994	Jan 94	Mar 94	40
Close Underground Fuel Lines From SP & LP Fuel Farms	1994	Jan 94	May 94	220
Provide Leak Detectoin for ASTs (DES and CON)	1994	Apr 94	Jan 95	25
Storm Drain Mapping and Survey	1994	Apr 94	Sep 94	116
Install Backflow Prevention Devices, Various Bldgs.	1994	Apr 94	Jun 94	45

[1]The construction begin and end dates are purely estimates. The actual dates will depend upon funding and award of the contracts.

6a. continued

1995 Navy Environmental Compliance Account (NECA)

Project Description	Proposed Year of Execution	Program	Construction[1]		Project Cost Estimate ($K)
			Begin	End	
Building Audits HSA, NAS, Camp Allen, Camp Elmore & Firefighting School	1995	CWA	Jan 95	Jan 96	300
Stage I&II vapor recovery gas storage & dispensing LP Fuel Farm (C)	1995	AIR	Apr 95	Aug 95	100
Install air pollution control devices for HAPS (Design)	1995	AIR	Jul 95	Jul 96	60
Retrofit/Replace AC Units (NAS) (Design & Constr)	1995	AIR	Jan 95	Jan 97	560
Emission Testing for Title V	1995	AIR	Jul 95	Jul 96	25
EPCRA contract assistance	1995	OTH	Jan 95	Jan 97	160
Design & Part B Mods LP159 Hazardous Waste Storage Facility (Design)	1995	HW	Apr 95	Aug 95	50
Environmental Assessment	1995	OTH	Apr 95	Aug 95	25
Remove out of service USTs (Construction)	1995	UST	Apr 95	Oct 95	60
Provide site checks for 2 UST sites (Study)	1995	UST	Jan 95	Mar 95	40
Remove and Replace USTs (Constr)	1995	UST	Jan 95	Jan 96	320
Install AST (Constr)	1995	OTH	Jan 95	Jan 96	28
Revision of SC & CAPS (Studies)	1995	UST	Jan 95	Oct 95	50
Remediation of non-DERA Fundable Tanks	1995	UST	Jan 95	Oct 95	100

Project Description	Proposed Year of Execution	Program	Construction[1]		Project Cost Estimate ($K)
			Begin	End	
UST Leak Detect System Inspection	1995	UST	Jan 95	Jan 96	13
Construct Hot Wash Rack NAS (Constr)	1995	CWA	Apr 95	Oct 95	200
SP1 Wash Rack (Constr)	1995	CWA	Jan 95	Jul 95	130
Engine Wash Facility LP & SP areas (Constr)	1995	CWA	Apr 95	Oct 95	220
Investigation to ID NPDES violation sources	1995	CWA	Apr 95	Jun 95	50
Modify Various Oil/ Water Separators (Design & Constr)	1995	CWA	Jan 95	Dec 95	100
Stage I&II vapor recovery:gas storage & dispersing LP Fuel Farm (D)	1995	AIR	Jan 95	May 95	20
Air Inventories Phase III NAS	1995	AIR	Jan 95	Jan 96	100
Repl 21 ASTs w/convaults SPCC/AST Regs (Design & Constr)	1995	OTH	Jan 95	Jan 97	225
UST Tightness Testing	1995	UST	Jan 95	Jan 96	35

[1]The construction begin and end dates are purely estimates. The actual dates will depend upon funding and award of the contracts.

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) **32,000**. Are asbestos survey costs based on encapsulation, removal or a combination of both?

A combination of both. Claimant policy is to consider funding only remediation of asbestos that is friable, damaged and accessible and to remediate by management in place other than by removal.

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	1907	1515	1863[1]	2100[1]	2400[1]	2700[1]	6000[1]	6000[1]
HA	0	0	0	0	0	0	0	0
PA	0	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0	0
TOTAL	1907	1515	1863[1]	2100[1]	2400[1]	2700[1]	6000[1]	6000[1]

[1]Estimates

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
Pesticide Disposal	**CERCLA**	**No**	**No**	**No**	**0.364/FY97**	**RI**
LP-20 Groundwater	**CERCLA**	**Yes**	**No**	**No**	**0.5/FY09**	**RI**
NM Slag Pile	**CERCLA**	**No**	**No**	**No**	**0.2/FY08**	**RI**

[1]Type site: CERCLA, 'RCRA corrective action (CA), UST or other (explain)
[2] Status = PA, SI, RI, RD, RA, long term monitoring, etc.

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

No.

7d.

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

State scope and expected length of pump and treat operation.

A pump/treat system is anticipated for the LP-20 shallow groundwater. Expected life is 10+ years.

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. However, permits are not required by any regulatory authorities. The facilities are run by FISC, DDNV, and DRMO but service Naval Air Station, Norfolk. The following table describes the facility, the materials stored, and the square footage:

Building No(s).	Materials Stored	Area (square feet)	Restrictions
LF-50	oxidizers corrosives flammables	12219	N/A
SP-83	corrosives flammables	12000	N/A

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

Yes. The following table describes the facility, capacity, restrictions, and permit conditions:

Building No.	Area (square feet)	Capacity	Restrictions	Permit Conditions
LP-159	N/A	30,800 gallons	N/A	interim status permit
LF-38	N/A	23,800 gallons	N/A	interim permit status

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.

Yes. A Naval Exchange gasoline station with soil, groundwater, and free product contamination in approximately a 600 square foot area. Remedial action planned to remove two 45 year old steel tanks and install a free product recovery system.

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	No

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations?

Yes.

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

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
Main Base	1847.8	Naval Air Station, Norfolk, Virginia
Harvey Point	1385.61	20 miles east of Edenton, North Carolina

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.)		1711.90[1]
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 72.12
		All Others: 0.00
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		30.00
Total Undeveloped land considered to be without development constraints		33.78
Total Off-base lands held for easements/lease for specific purposes		0.00
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	0.00
	HERF	0.00
	HERP	0.00
	HERO	70.00
	AICUZ	85.00
	Airfield Safety Criteria	40.00
	Other (CD Landfill, wetland, etc.)	72.20

[1]Harvey Point is not included in this total.

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. **0**

8d. What is the date of your last AICUZ update? **10/92** Are any waivers of airfield safety criteria in effect on your base? **Y** Summarize the conditions of the waivers below.

Conditions that necessitate waivers include: height of pre-existing buildings and peripheral incompatible use due to noise zones.

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
1650 acres/City of Norfolk	2	residential/ strip commercial	compatible

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement.

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

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

None.

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	NO
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	NO
Are the dredged materials considered contaminated? List known contaminants.	NO

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

There are special design and siting considerations for projects in critical areas as defined by the Virginia Chesapeake Bay Preservation Act.

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

Shoreline erosion occurs at the Willoughby (Monkey Bottom) and Mason Creek areas.

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.

N/A.

9. WRAPUP

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

No.

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

A Clean Air Act Title V operating permit application will be required by November, 1995. It is unclear at this time whether the permit will be for Naval Air Station, Norfolk only or for the entire Naval Base, Norfolk complex.

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.

Clean Air Act Title V permits will require emissions from new base sources to be offset by at least a factor of 1.1 to 1 by the reduction of existing sources. Also, as Clean Air Act Title III NESHAP regulations are promulgated it will require sources to install MACT or restrict operations in order to comply.

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

NEXT ECHELON LEVEL (if applicable)

RADM PAUL D. MOSES
NAME (Please type or print)

Signature

COMMANDER, NAVAL BASE, NORFOLK
Title

20 May 94
Date

NAVAL BASE, NORFOLK
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 ARCHIE CLEMINS
NAME (Please type or print)

Archie Clemins
Signature

Acting
Title

7/1/94
Date

Commander in Chief
U.S. Atlantic Fleet
Activity

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

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

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

06 JUL 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

E. L. DUCKWORTH, CAPT USN	
NAME	Signature
COMMANDING OFFICER	20 MAY 1994
Title	Date
NAVAL AIR STATION, NORFOLK	
Activity	

DATA CALL 66
INSTALLATION RESOURCES

4

Activity Information:

Activity Name:	SPECIAL OPERATIONS COMMAND ATLANTIC
UIC:	63184
Host Activity Name (if response is for a tenant activity):	NAVAL AIR STATION NORFOLK
Host Activity UIC:	00188

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.**

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Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: SPECIAL OPERATIONS COMMAND ATLANTIC		**UIC:** 63184	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	26		26
1b. Minor Construction			
1c. Sub-total 1a. and 1b.	26		26
2. Other Base Operating Support Costs:			
2a. Utilities	19		19
2b. Transportation	6		6
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:	25		25
3. Grand Total (sum of 1c. and 2k.):	51		51

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	$51

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..

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INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)	
Activity Name: SPECIAL OPERATIONS COMMAND ATLANTIC	**UIC:** 63184

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.) :	000		000

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: SPECIAL OPERATIONS COMMAND ATLANTIC	**UIC:** 63184

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:	000

USACOM ONLY FUNDS BOS FOR SOCLANT. MISSION COSTS ARE FUNDED THRU APPN 97-0100-5604

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: SPECIAL OPERATIONS COMMAND ATLANTIC	**UIC:** 63184
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	000

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

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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.? N/A

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)):

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

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

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

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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

Signature

Director
Title

7/28/94
Date

Field Support Activity
Activity

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

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

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

16 AUG 1994
Date

4

DATA CALL 66 UIC: 42573
INSTALLATION RESOURCES

Activity Information:

Activity Name:	PSD NAVAL AIR STATION NORFOLK
UIC:	42573
Host Activity Name (if response is for a tenant activity):	NAS NORFOLK
Host Activity UIC:	00188

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: PSD NAS NORFOLK		**UIC: 42573**	
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	23		23
2b. Transportation	3		3
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	147	3230	3377
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:	173	3230	3403
3. Grand Total (sum of 1c. and 2k.):	173	3230	3403

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)
MPN	1,978
RPN	317
O&MN	1,108

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: 42573
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: N/A; not a DBOF Activity		UIC: 42573	
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: PSD NAVAL AIR STATION NORFOLK	UIC: 42573
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	0
Material and Supplies (including equipment):	46
Industrial Fund Purchases (other DBOF purchases):	85
Transportation:	0
Other Purchases (Contract support, etc.):	42
Total:	173

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: PSD NAVAL AIR STATION NORFOLK	**UIC: 42573**
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 NORFOLK UIC N68654
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)

W A Earner
Signature

Title

8/30/94
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

R. E. LANDICK, CDR, USN
NAME (Please type or print)

Signature

ACTING
Title

13 July 1994
Date

PSA NORFOLK
Activity

DATA CALL 66
INSTALLATION RESOURCES

4

Activity Information:

Activity Name:	Naval Safety Center
UIC:	63393
Host Activity Name (if response is for a tenant activity):	COMNAVBASE Norfolk
Host Activity UIC:	61463

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 Safety Center		**UIC:** 63393	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair PWC Norfolk	32K ✓		
1b. Minor Construction			
1c. Sub-total 1a. and 1b.	32K		
2. Other Base Operating Support Costs:			
2a. Utilities PWC, Norfolk	137 ~~170K~~		
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration ✓ Postal	114		
2j. Other (Specify) PWC Norfolk 2c NCTAMSLANT Norfolk	~~52~~ ~~20K~~ not 118 ~~126K~~	Other Eng Support Communications	
2k. Sub-total 2a. through 2j:	421 ~~316K~~		
3. Grand Total (sum of 1c. and 2k.):	421 ~~348K~~		

Revised 7/26/94
by Philip Schmitt
Budget Analyst
Field Support Activity
Philip Schmitt

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	~~348K~~ 421

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 2l., 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 Safety Center		**UIC:** 63393	
N/A **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: Naval Safety Center	**UIC:** 63393
Cost Category N/A	**FY 1996 Projected Costs ($000)**
Travel:	493
Material and Supplies (including equipment):	123
Industrial Fund Purchases (other DBOF purchases):	415
Transportation:	
Other Purchases (Contract support, etc.):	275
Total:	1,306

Revised 7/21/94
by Philip Schmitt
Budget Analyst
Field Support Activity
Philip Schmitt

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 Safety Center	**UIC:** 63393
Contract Type N/A	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	

* **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

All contracts for grounds maintenance and MRP are under an umbrella contract through PWC.

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

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

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

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

W. J. MOOBERRY
NAME (Please type of print)

Signature

ACTING COMMANDER
Title

7/13/94
Date

NAVAL SAFETY CENTER
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

7/22/94
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

18 AUG 1994
Date

N00188

DATA CALL 1: GENERAL INSTALLATION INFORMATION

1. ACTIVITY: Follow example as provided in the table below. 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	Naval Air Station, Norfolk, VA
Acronym(s) used in correspondence	NAS Norfolk
Commonly accepted short title(s)	NAS NORVA

- Complete Mailing Address

  Naval Air Station
  9420 Third Ave.
  Norfolk, VA 23511-2197

- PLAD

  Naval Air Station, Norfolk, VA

- PRIMARY UIC: N00188 (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): N35676 PURPOSE: A/C OPDET
  N44325 AIMD
  N46966 SEAOPDET

2. PLANT ACCOUNT HOLDER:

- Yes X No _____ (check one)

N00188

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

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

- Yes ___X___ No _____ (check one)

· TENANT COMMAND: A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

- Yes ___X___ No _____ (check one)
- Primary Host (current) UIC: 61463
- Primary Host (as of 01 Oct 1995) UIC: 61463
- Primary Host (as of 01 Oct 2001) UIC: 61463

· INDEPENDENT ACTIVITY: For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/ Contractor Operated facilities should be included in this designation if not covered elsewhere.

- Yes _____ No ___X___ (check one)

4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC
VB-49 Officers Beach Club	**Virginia Beach, VA**	**00188**
Helicopter Landing Pad	**HSA Norfolk, VA**	**00188**
Harvey Point, NC	**Perquimans, NC**	**00188**
Military Circle	**Norfolk, VA**	**63102**

N00188

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

Name	UIC	Location	Host name	Host UIC
SEAOPDET	**N46966**	**USS AMERICA** **USS SARATOGA** **USS FORRESTAL** **USS KENNEDY** **USS EISENHOWER** **USS ROOSEVELT**	**NAS NORFOLK**	**N00188**

Note: SEAOPDETS deploy with assigned CV/CVN airwings to support type/model/series aircraft.

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.

As a result of the realignment of NAS Miramar, the consolidation of the E2/C2 FRS was sited here. No projects were required to accommodate the consolidation. As a result of BRAC-93, Naval Aviation Depot, Norfolk is scheduled to close by FY-97. This vacates approximately 2,475,000 SF of space which is now being evaluated for reassignment to accommodate other DOD functions.

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).

<u>Current Missions</u>

- NAS NORFOLK IS A MULTI-SERVICE ORGANIZATION WHOSE MISSION IS TO SUPPORT U.S. AND ALLIED FORCES WORLDWIDE.

WEAPONS:

- REQUISITION, RECEIVE, STORE AND DELIVER SOME OR ALL CONVENTIONAL ORDNANCE FOR LOCAL AND TENANT COMMANDS HOME-PORTED AT OR IN THE COMMANDER NAVAL BASE, NORFOLK AREA OF OPERATIONS.

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NAS ADMIN:

- PROVIDES ADMINISTRATIVE PROGRAMS MANAGEMENT AND CORRESPONDENCE SERVICES FOR THE COMMAND.

- PERFORMS FUNCTIONS RELATIVE TO MANPOWER MANAGEMENT, ISA DEVELOPMENT AND MANAGEMENT REPORTING.

- COMMAND CAREER COUNSELOR: PROVIDES THE COMMANDING OFFICER WITH ALL INFORMATION CONCERNING RETENTION/LOSS OF ACTIVE DUTY PERSONNEL.

- HUMAN RESOURCES MANAGEMENT SPECIALIST: ADMINISTERS THE COMMAND EQUAL OPPORTUNITY PROGRAM; SERVES AS COMMAND FINANCIAL SPECIALIST; OVERSEES DEPENDENT CARE PROGRAM.

- DRUG AND ALCOHOL PROGRAM ADVISOR: ADVISE THE COMMANDING OFFICER IN ALL MATTERS CONCERNING DRUG/ALCOHOL. ADMINISTERS THE COMMAND DRUG AND ALCOHOL SUBSTANCE ABUSE PROGRAM THROUGH TRAINING AND COUNSELING.

- COMMAND MEDICAL COORDINATOR: PROVIDES LIAISON FUNCTION FOR MEDICAL/DENTAL SERVICES; SERVES AS COMMAND LIMDU COORDINATOR.

- RECYCLING: IDENTIFY, SOURCE SEGREGATE, GATHER DATA, CONDUCT COST ANALYSIS, SELECT ITEMS FOR COLLECTION, ESTABLISH PROCEDURES FOR COLLECTION AND TO ENHANCE THE MARKETABILITY OF THE RECYCLABLE MATERIALS GATHERED.

AIR TRAFFIC CONTROL:

- THE ATC FACILITY ESTABLISHES AND MAINTAINS STANDARD OPERATING PROCEDURES FOR THE CONTROL OF AIR TRAFFIC WITHIN NAS NORFOLK ASSIGNED AIRSPACE IN ACCORDANCE WITH CURRENT MILITARY AND CIVIL DIRECTIVES. THE ATC FACILITY OPERATES CHAMBERS FIELD, HELIPORT CONTROL TOWERS, THE RADAR AIR TRAFFIC CONTROL FACILITY AND FLIGHT PLANNING FACILITY.

SEAOPDET:

- TO PROVIDE, AS APPROPRIATE, THE BASIC ELEMENTS OF PERSONNEL AND LOGISTICS READINESS FOR THE OPERATING FORCES OF THE NAVY, SUPPORTED ACTIVITIES AND OTHER ACTIVITIES AS ASSIGNED.

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- OUR SEAOPDET SUPPORTS THE FOLLOWING CARRIERS:
  USS SARATOGA
  USS AMERICA
  USS KENNEDY
  USS EISENHOWER
  USS ROOSEVELT
  USS GEORGE WASHINGTON

COMPTROLLER:

* PROVIDE FINANCIAL MANAGEMENT ASSOCIATED WITH FUNDING ALLOCATIONS.
* COMPILE, REVIEW AND CONSOLIDATE FINANCIAL REPORTS FOR HIGHER ECHELON.
* PROVIDE POLICY AND SERVES AS THE CENTRAL POINT OF CONTACT FOR GUIDANCE ON NAS TRAVEL.
* PROVIDE ACCOUNTING SUPPORT FOR TECHNICAL OPERATING BUDGET (AFM/AVDLR/AMCM)
* MAINTAINS NAS CLASS III, IV AND MINOR PROPERTY INVENTORY OF MINOR, CLASS III AND IV property
* OWNS AND MANAGES STATION TELECOMMUNICATIONS SYSTEM
* PROVIDE BRAC FUNDING REQUIREMENTS FOR GAINING/LOOSING ACTIVITY
  * ADDITIONAL SQUADRONS TO SUPPORT

NAS SECURITY:

- MAINTAIN GOOD ORDER AND DISCIPLINE - UNIFORM REGS, MIL. REGS, ETC.

- PHYSICAL SECURITY PLAN - GATES/FENCES/BUILDINGS

- PERSONNEL SECURITY CLEARANCES

AIRCRAFT INTERMEDIATE MAINTENANCE DIVISION (AIMD):

* PROVIDE READY-FOR-ISSUE (RFI) AVIATION COMPONENTS; AERONAUTICAL SUPPORT EQUIPMENT; NON-AERONAUTICAL SUPPORT EQUIPMENT; PRECISION MEASURING EQUIPMENT CALIBRATION; AND NON-DESTRUCTIVE INSPECTION/TESTING TO TENANT COMMANDS, TRANSIENT AIRCRAFT, CV/CVN/L-CLASS SHIPS, AND COMNAVAIRLANT.

* PROVIDE TRAINING OF COMNAVRESFOR, RESERVE UNITS, NR2186 AND NR2286. ADDITIONALLY, PROVIDE SUPPORT EQUIPMENT OPERATOR TRAINING AND NON-DESTRUCTIVE INSPECTING/TESTING TRAINING TO TENANT COMMANDS.

* PROVIDE SEAOPDET PERSONNEL TO CV/CVN SHIPS TO AUGMENT AFLOAT AIRCRAFT INTERMEDIATE MAINTENANCE DEPARTMENTS.

* FLIGHT PHYSIOLOGY (O2, N2 SHIPMENT) FOR COMNAVAIRLANT IDENTIFIED REQUIREMENTS.

* PROVIDE NON-AERONAUTICAL PRECISION MEASURING EQUIPMENT CALIBRATION FOR COMNAVSURFLANT, SIMA.

* PROVIDE INTERMEDIATE LEVEL SUPPORT FOR MH-53E AIRCRAFT, ATE SUPPORTED AVIONICS, AND RELATED SUPPORTED EQUIPMENT FOR NAVAL COASTAL SYSTEMS STATION, PANAMA CITY, FL (MOA).

HOSPITALITY:

- MEAL SERVICES, BEVERAGE SERVICES, SOCIAL PROGRAMMING, LEISURE TIME/RECREATIONAL ALTERNATIVES, MEETING/CONFERENCE SERVICES, SPECIAL EVENT MANAGEMENT, AND BANQUET/PARTY/ RECEPTION SERVICES

SUPPLY:

- PROVIDES GENERAL/AVIATION SUPPLY SUPPORT TO NAS DEPARTMENTS AND 60 TENANT/SUPPORTED COMMANDS. THIS SUPPORT INCLUDES THE STORAGE AND MANAGEMENT OF 28,000 LINE ITEMS WITH AN INVENTORY VALUE OF $280 MILLION.

- PROVIDES SPECIALIZED AVIATION SUPPORT IN THE FORM OF 60 PACK-UP KITS TO DEPLOYED FLEET UNITS/DETACHMENTS TO SUPPORT VERTREP CAPABLE SHIPS, AIRBORNE MINE COUNTER MEASURES (AMCM) SYSTEMS, SH3H/C2/HH60 AND E2C SPECIALIZED MISSIONS IN SUPPORT OF COUNTER NARCOTIC (CN) OPERATIONS.

- OPERATE/MAINTAIN FUEL STORAGE, DISTRIBUTION AND SERVICING FACILITIES IN SUPPORT OF SQUADRON, STATION AND TRANSIENT AIRCRAFT.

FACILITIES MANAGEMENT:

- PLAN, ANALYZE, AND COORDINATE THE DEVELOPMENT AND UTILIZATION OF SPACE IN FACILITIES ASSOCIATED WITH THE OPERATION OF A NAVAL AIR STATION.

- ADMINISTER THE NAS NORFOLK ENVIRONMENTAL PROTECTION PROGRAM.

- ADMINISTER THE NAS NORFOLK HAZARDOUS WASTE PROGRAM.

- ADMINISTER THE NAS NORFOLK ENERGY CONSERVATION PROGRAM.

- MAINTAIN CURRENT PLANT ACCOUNT RECORDS OF ALL PHYSICAL FACILITIES LOCATED ON NAS NORFOLK AND COORDINATE ENGINEERING SERVICES FOR THE DEPARTMENTS, SUPPORTED UNITS, AND TENANT COMMANDS.

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- PLAN, ANALYZE, MANAGE AND COORDINATE THE PROCUREMENT, ASSIGNMENT, UTILIZATION AND MAINTENANCE OF AUTOMOTIVE AND MATERIALS HANDLING EQUIPMENT WITH PWC NORFOLK.

Projected Missions for FY 2001

Am CLF N95B 2/14/94 Current Mission plus the following:

WEAPONS: INCREASE MISSION TO INCLUDE AN ORGANIZATIONAL LEVEL MK-48 TORPEDO SHOP TO SUPPORT OF COMSUBLANT.

COMPTROLLER: * REQUIREMENT FOR FINANCIAL MANAGEMENT WILL BE MAINTAINED BY THE COMPTROLLER DEPARTMENT WELL INTO THE NEXT CENTURY. CHALLENGES TO PROVIDE FINANCIAL GUIDANCE WITH DWINDLING RESOURCES WILL LEAD TO CREATIVE INITIATIVE TO MEET MISSION REQUIREMENTS.

* WITH THE IMPLEMENTATION OF DEFENSE BUSINESS OPERATIONS FUND (DBOF), SERVICES WILL BE PROVIDED ON A REIMBURSABLE BASIS PRIMARILY TO OTHER GOVERNMENT ENTITIES, BUT WITH CONSIDERATION GIVEN TO THIRD PARTY ARRANGEMENTS.

* PROVIDE ACCESS TO "INFORMATION SUPERHIGHWAY" VIA OUR TELECOMMUNICATION GRID FOR DATA TRANSMISSION, CELLULAR COMMUNICATIONS, LAN AND NETWORK INTERFACES.

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.

Am CLF N95B 2/14/94

Current Unique Missions

* ~~OPERATE~~ HOSTS AND PROVIDES SUPPORT FOR THE ONLY EXISTING MARINE CORPS SECURITY FORCE BATTALION

* ONLY SITE FOR E-2 AND C-2 FLEET REPLACEMENT SQUADRON

* ONLY SITE FOR H-53 FLEET REPLACEMENT SQUADRON

* OPERATE THE AMC TERMINAL

* NAS NORFOLK ADMIN DEPT DOES NOT HAVE NATIONAL COMMAND AUTHORITY OR CLASSIFIED MISSION RESPONSIBILITIES.

COMPTROLLER: FINANCIAL MANAGEMENT DOES NOT GENERATE CLASSIFIED INFORMATION

AIMD: PERFORM E-2 EVAPORATOR (VAPOR-CYCLE) REPAIR FOR ASO (ONLY NAVY ORGANIC ACTIVITY REPAIRING THESE ASSETS).

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* 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.

Projected Unique Missions for FY 2001

* SINGLE SITE FOR H-3 FLEET REPLACEMENT SQUADRON

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
COMNAVBASE NORFOLK VA	61463

Funding Source	UIC
~~CINCLANTFLT~~ Same as above	~~00060~~ PMC CLF N95B 2/14/94

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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
• Reporting Command	47	1383	208
• Tenants (total)	1022	6044 2970	5707

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian
• Reporting Command	30	1047	209
• Tenants (total)	1081	5273	5339

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			
CAPTAIN E. L. DUCKWORTH	(804)444-8595	(804)445-9216	(804)440-5745
• Duty Officer			
[N/A]	(804)444-8047	(804)445-9216	N/A
. FACILITIES MANAGEMENT OFFICER			
STEVEN M. PEARSON	(804)444-2048	(804)444-0605	(804)393-0751

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12. TENANT ACTIVITY LIST:

• Tenants residing on main complex (shore commands) AUTHORIZED PERSONNEL AS OF 30 SEPT 1994

Tenant Command Name	UIC	Off	Enl	Civ	Res
436 MAW, OL-B	Z565	0	3	0	
MAG 42 DET B	M67639	8	105	0	148
MCSFBNLANT	M67853	22	392	0	
NAVSAFECEN USMC DET	MZZ145	6	5	0	
CAEWWINGLANT	N09052	8	15	4	
VAW-78	N09102	8	66	0	127
COMRESPATWINGLANT	N09158	7	22	0	
HM-12	N09206	0	0	0	
HC-2	N09212	3	64	0	
VRC-40	N09303	15	124	0	
VAW-120	N09527	68	466	0	
VC-6	N09806	13	117	0	
FASOTRAGRULANT	N09810	7	57	35	
NAESULANT	N30331	2	2	3	
NAESUDET	N30335	0	0	31	
VAW-120 (Student)	N30680	34	195	0	
FASOTRAGRULANT	N30686	1	10	0	
DCS NORFOLK	N31140	1	16	0	
HC-6	N31242	8	91	0	
MOBILE ENVIRONMENTAL TEAM	N35701	5	29	0	
FLTIMAGCOMLANT	N41412	0	7	0	
HM-12 (STUDENTS)	N42434	15	69	0	
PERSUPPDET NAS NORFOLK	N42573	1	70	33	
NAVINSERV MIDLANT REG	N42930	1	0	20	
FASOTRAGRULANT	N44275	0	59	0	
COMHELTACWINGLANT	N44890	11	20	4	
FASOTRAGRULANT	N44937	0	7	0	
NIS FLT SUPPORT DET	N45086	0	4	0	
FAILSAFE	N45588	0	2	0	
EOD GROUP-2	N45682	1	5	0	
FLTIMAGCOMLANT (OCEANA)	N45896	0	4	0	
MEASOPCONCEN	N46605	0	0	4	
NAVAIRSYSCOM DET PMA-224	N46774	2	0	0	
NAVY DRUG LAB	N46887	0	1	0	
JOINT DOCTRINE CENTER	N47344	12	3	2	
NAVSAFECENTER	N47350	0	5	0	

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Tenant Command Name	UIC	Off	Enl	Civ	Res
CRUITCOM DET 5	N47767	2	7	1	
RES INTEL PROGRAM AREA15	N47927	1	3	1	306
NAVSAFECEN (AVIATION)	N48570	42	17	0	
NAVSAFECEN (SUBMARINE)	N48571	10	16	0	
NAVSAFECEN (OSH)	N48572	3	5	0	
NAVSAFECEN (SURFACE)	N48573	13	8	0	
HCS-4	N53811	9	92	0	145
VR-56	N53856	10	77	0	155
HM-18	N55214	8	134	0	163
HC-8	N55218	5	88	0	
COMNAVAIRLANT	N57012	131	146	107	
AVNMATOLANT	N57012	0	0	2	
FLTIMAGECOMLANT	N57093	4	9	20	
DEF PRINTING	N62575	0	0	3	
DMACSLANT	N62627	2	7	2	
NAVLANTMETOCCEN (NEOC)	N63061	22	60	28	
NAVAIRES	N63102	15	88	22	735
NETPMSA (NAVY CAMPUS)	N63325	0	0	3	
SOCLANT	N63184	12	7	1	
NAVSAFECEN	N63393	1	2	137	
NAVMTO	N63408	2	13	202	
NAVAVNDEPOT	N65887	12	13	2888	
FTSCLANT	N65912	4	37	611	
NAMTRAGRUDET	N66046	6	161	2	
NCBU-411	N66676	1	40	0	
NCTAMSLANT	N68057	6	7	390	
NAVTELCOMCEN (NEOC)	N68468	0	0	0	
HRO	N68845	0	0	78	
NAVY DRUG LAB	N68851	3	2	64	
LANTFLT CARIT	N68916	2	7	0	
NCTAMSLANT	N70272	13	43	78	
NAVSAFESCOL	N91732	2	4	20	
NAVHOSP PORTS DET	NX1004	3	21	1	
LANTFLT BAND	NX1008	1	53	0	
NTSCREPLANT/TSSA	NX9007	0	0	5	
NAVSTA NORVA DET	NX1006	0	1	68	
SIMA PORTSMOUTH*	NXX583	0	0	0	
FISC NORFOLK (NSC)	NXX902	0	0	103	
PWC NORFOLK	NXX906	0	0	258	
NAVAL AUDIT SITE	NXX909	0	0	6	

* - 27 SIMA Portsmouth personnel reside at NAS Norfolk. Personnel levels are reflected by SIMA Portsmouth and their host (which is not NAS Norfolk).

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Tenant Command Name	UIC	Officer	Enlisted	Civilian
US CUSTOMS	NX1954			33
DEF DISTRO DEPOT	NO UIC			68
US POSTAL BRANCH	NO UIC			1
GRUMMAN CORP	NO UIC			
ARINC RESEARCH	NO UIC			
SERV-AIR INC.	NO UIC			
SIKORSKY AIRCRAFT	NO UIC			
NFCU	NO UIC			
EMBRY RIDDLE	NO UIC			
BUSINESS OPPORTUNITY	NO UIC			
NORFOLK NAVY FLYING CLUB	NO UIC			
MCDONALDS	NO UIC			

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o Tenants residing on main complex (homeported units.)

AUTHORIZED PERSONNEL AS OF 30 SEPT 1994

Tenant Command Name	UIC	Officer	Enlisted	Civilian
HC-6	N0381A	70	245	
VAW-121	N09467	29	124	
VAW-122	N09476	29	124	
VAW-123	N09477	29	124	
VAW-124	N09526	29	124	
COMCARGRU-2	N09576	24	33	
COMCARGRU-4	N09577	26	33	
VAW-125	N09922	29	124	
VAW-126	N09963	29	124	
VC-6	N32019	5	42	
FLTIMAGCOMLANT	N41411	0	41	
FASOTRAGRULANT	N44937	0	0	
VRC-40	N45592	35	140	
HC-2	N46817	52	222	
HM-14	N53827	24	393	
COMCARGRU-8	N53889	25	33	
HC-8	N55219	42	144	

• 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).

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Tenant Command Name	UIC	Location	Officer	Enl	Civilian
None					

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enl	Civilian
None					

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13. REGIONAL SUPPORT:

Activity name	Location	Support function
AIMD SHIPS: CV, CVN, L CLASS	NAVAL STATION NORFOLK, VA	READY-FOR-ISSUE (RFI) AVIATION COMPONENTS; AERONAUTICAL SUPPORT EQUIPMENT; NON-AERO-NAUTICAL SUPPORT; TRAINING; MANPOWER, SEAOPDET PERSONNEL
COMNAVAIRLANT	NAS NORFOLK, VA	FLIGHT PHYSIOLOGY (O2, N2); READY-FOR-ISSUE AERONAUTICAL ENGINES; SUPPORT EQUIPMENT
COMNAVSURFLANT, SIMA	NAVAL STATION NORFOLK, VA	NON-AERONAUTICAL PRECISION MEASURING EQUIPMENT CALIBRATION
NAVAL COASTAL SYSTEMS STATION	PANAMA CITY, FL	INTERMEDIATE LEVEL SUPPORT FOR MH-53E AIRCRAFT, ATE SUPPORTED AVIONICS, AND RELATED SUPPORTED EQUIPMENT (MOA)
AVIATION SUPPLY OFFICE	PHILADELPHIA, PA	E-2 EVAPORATOR (VAPORCYCLE) REPAIR (ONLY NAVY ORGANIC ACTIVITY REPAIRING THESE ASSETS)
COMNAVRESFOR, RESERVE UNITS NR2186 AND NR2286	NAS NORFOLK, VA	TRAINING
CIVILIAN EMPLOYEE CAFETERIAS (7)	VAR	BRKFST/LUNCH SVCS TO NAVY CIV EMPLOYEES

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ACTIVITY NAME	LOCATION	SUPPORT FUNCTION
HOSPITALITY CONTINUED		
BREEZY POINT CLUB	SP-45	HOSPITALITY SVCS TO ALL MILITARY MTG/CONFERENCE SVCS TO ALL MILITARY LOUNGE (CLUB) TO ALL OFFICERS MEAL SVCS TO ALL HANDS
THIMBLE SHOALS CLUB	A-128	LOUNGE (CLUB) SVCS TO ALL OFFICERS MEAL SVCS TO ALL HANDS
67TH ST BEACH CLUB	VA BCH	RECREATIONAL BEACH SVCS TO ALL HANDS PARTY FACILITIES FOR ALL HANDS
NORFOLK LIVE	X-360	(CONTRACT OPERATION) HOSPITALITY SVCS TO ALL MILITARY MTG/CONFERENCE, SVCS TO ALL MILITARY LOUNGE (CLUB), SVCS TO ALL ENLISTED MEAL, SVCS TO ALL HANDS LEISURE REC, SVCS TO ENLISTED
ORIGINAL SPORTS CLUB	P-87	(CONTRACT OPERATION) LOUNGE (CLUB) SVCS TO ALL ENLISTED MEAL, SVCS TO ALL HANDS LEISURE, REC SVCS TO ENLISTED
AIROPS		
ARMY TRANSPORTATION (551 ST)	FORT EUSTIS VA	SUPPLY HOLDING AREA FOR TROOPS, TENTS AND SUPPLIES

Activity name	Location	Support function
AIROPS CONTINUED		
NATO	CONUS AND OUTSIDE CONUS	AZALEA FESTIVAL
NATO	VARIOUS	OPERATION OCEAN VENTURE
ACOM, AIRLANT, CINCLANT, COMNAVBASE	NORFOLK	SUPPORT DV MOVEMENTS FROM PRESIDENT TO HEADS OF STATE FOREIGN AND DOMESTIC
STAFF COLLEGE	CINCLANT COMPOUND	SET UP OF STATIC DISPLAYS AND DV MOVEMENTS (GUEST SPEAKERS)
SEAL TEAMS	NORFOLK	
AIR MOBILITY COMMAND	SCOTT AFB	PARKING AIRCRAFT SUPPORTING FOR 2 OR MORE DAYS UP LOAD AND DOWNLOAD EQUIP
		USAF AND VARIOUS CONTRACT AIRCRAFT SUPPORT TO THE FLEET (CARGO AND PASSENGER TRANSPORT)
VARIOUS RESERVE VP (P3 SQ)	VARIOUS	PARTS AND REPAIR AND TRANSPORT OF DV'S
USAF	LANGLEY	F-15'S DURING FIELD CLOSURES AND VARIOUS
VARIOUS SQ'S	VARIOUS	TRANSIT TO SHIPS SEVERAL DAYS AWAITING SHIPS MOVEMENT
US COAST GUARD	VARIOUS	SEARCH AND RESCUE AND FUELING
VARIOUS MILITARY	VARIOUS OUTSIDE CONUS	WEAPONS MOVEMENT AND SUPPORT IN ROUTE TO OTHER THAN US TERRITORY
NASA	VARIOUS	WHEN LANGLEY IS CLOSED OR CAN NOT SUPPORT THEM

Activity name	Location	Support function
USAF TRANSIENT AIRCRAFT	VARIOUS AFB'S THROUGHOUT CONUS	SUPPLY COMSEC KEYING MATERIAL AND CODES. DCMS DIRECTIVE.
NATO/AND OTHER VISITING AIRSHOW AIRCRAFT	VARIOUS MILITARY BASES THROUGHOUT CONUS AND OUTCONUS	SUPPLY STORAGE SPACE FOR COMSEC MATERIAL AND EQUIPMENT. DCMS DIRECTIVE.
IMMIGRATION AND NATURALIZATION SERVICE	PORT HUENEME, CA	PROVIDE COMSEC KEYING MATERIAL AND POSSIBLY EQUIPMENT. PROBABLE LOW.
VARIOUS	NAS NORFOLK	ADP REPAIR SERVICES
FASOTRAGRULANT USAF/NAVMTO		PHYSICAL SECURITY REPAIR MAINTENANCE SERVICES (ISSA)
COMSEC MATERIAL ISSUING OFFICE	NAVSTA NORVA	PHYSICAL SECURITY ALARM MAINTENANCE SERVICES (ISSA)
COMCARGRU 8	NAS NORVA	PHYSICAL SECURITY ALARM MAINTENANCE SERVICES (ISSA)
USMC	NAS NORVA/CINC	COMMUNICATION EQUIPMENT MAINTENANCE SERVICES (ISSA)
USAF/NAVMTO	NAS NORFOLK	COMMUNICATION EQUIPMENT MAINTENANCE SERVICES (ISSA)
NAS NORFOLK AIR OPERATIONS TRANSIENT LINE DIVISION	LP-2: TRANSIENT LINE BRANCH	PROVIDES AND OPERATES AIRFIELD AND HELIPORT FACILITIES. PROVIDES SERVICING FOR TRANSIENT AIRCRAFT.

Activity name	Location	Support function
		EFFECTS RECOVERY/SALVAGE OF CRASHED/DAMAGED AIRCRAFT. LOADS/OFFLOADS/AIRCRAFT ABOARD CARRIERS. CONDUCTS ASSIGNED TRAINING, SAFETY AND CORROSION PROGRAMS. CONDUCTS AIRFIELD CLEANING AND MAINTENANCE OF AIRFIELD EMERGENCY ARRESTING AND SALVAGE EQUIPMENT. MONITORS PERFORMANCE OF CONTRACT AIRCRAFT MAINTENANCE. ENSURES SECURITY AND PROPER GROUND HANDLING AND SERVICING OF AIRCRAFT AND SUPPORT EQUIPMENT. OPERATES SWEEPER TRUCKS FOR FOD PICK-UP ON AIRFIELD AND HELIPORT.
NAS NORFOLK AIR OPERATIONS FIELD SUPPORT BRANCH	LP-2: FIELD SUPPORT BRANCH	MAINTAINS AND OPERATES AIRFIELD EMERGENCY ARRESTING GEAR AND FIELD MIRROR SYSTEMS. ASSISTS IN THE RECOVERY/SALVAGE OF CRASH/DAMAGED AIRCRAFT.

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Activity name	Location	Support function
NAS NORFOLK AIR OPERATIONS AMC TRASIENT LINE BRANCH	LP-117: AMC TRANSIENT LINE BRANCH	ENSURES PROPER GROUND HANDLING AND SERVICING OF AIRCRAFT AND ASSOCIATED SUPPORT EQUIPMENT AT THE AMC TERMINAL.
NAS NORFOLK AIR OPERATIONS DISTINGUISHED VISITOR LINE	LP-1: DISTINGUISHED VISITOR LINE BRANCH	ENSURES SECURITY AND PROPER GROUND HANDLING AND SERVICES OF VIP AIRCRAFT AND ASSOCIATED EQUIPMENT
NAS NORFOLK AIR OPERATIONS ADMINISTRATIVE BRANCH	LP-2: ADMINISTRATIVE BRANCH	HANDLES ALL INCOMING AND OUTGOING CORRESPONDENCE FOR THE DIVISION. TRACKS TRAINING REQUIREMENTS FOR DIVISION PERSONNEL.
NAS NORFOLK AIR OPERATIONS SUPPLY BRANCH	LP-1: SUPPLY BRANCH	SUPPORTS AND TRACKS FINANCIAL REQUIREMENTS FOR FIELD ARRESTING GEAR, OPTICAL LANDING SYSTEM, TRANSIENT AIRCRAFT, FLIGHT GEAR AND STATION AIRCRAFT FUELS.
NAS NORFOLK AIR OPERATIONS QUALITY ASSURANCE BRANCH	LP-2: QUALITY ASSURANCE BRANCH	MAINTAIN THE CENTRAL TECHNICAL PUBLICATIONS LIBRARY. ENSURE THAT EACH DIVISION OR BRANCH RECEIVES ALL THE PUBLICATIONS APPLICABLE TO EACH WORKCENTER. ESTABLISH QUALIFICATIONS REQUIREMENTS FOR QARS.

Activity name	Location	Support function
NAS NORFOLK AIR OPERATIONS QUALITY ASSURANCE BRANCH	LP-2: QUALITY ASSURANCE BRANCH	MONITOR THE INSPECTIONS OF PME TO ENSURE COMPLIANCE WITH CALIBRATION INTERVALS AND SAFETY INSTRUCTIONS. PERFORM INSPECTIONS OF ALL MAINTENANCE EQUIPMENT AND FACILITIES TO ENSURE COMPLIANCE WITH FIRE AND SAFETY REGULATIONS. PROVIDE A CONTINUOUS TRAINING PROGRAM IN TECHNIQUES AND PROCEDURES PERTAINING TO THE CONDUCT OF INSPECTIONS. RESPONSIBLE FOR EFFECTIVE MONITORING OF HAZARDOUS MATERIAL AND HAZARDOUS WASTE PROCEDURES. PREPARE OR ASSIST IN THE PREPARATION OF MAINTENANCE INSTRUCTIONS. REVIEW ALL INCOMING TECHNICAL PUBLICATIONS AND DIRECTIVES. COLLECT, SCREEN, AND FORWARD ALL MDS SOURCE DOCUMENTS TO THE DSF FOR PROCESSING.

Activity name	Location	Support function
		ACT AS DEPARTMENT COORDINATOR FOR CORRECTIONS TO NAVAL FLIGHT RECORD SUBSYSTEM (NAVFLIRS) DAILY AUDIT REPORTS (DARs). REVIEW DATA PRODUCTS FOR ACCURACY, COMPLETENESS, AND CONTENT. CONDUCT AND COORDINATE MDS AND COMPUTER AIDED NAVFLIRS DATA ENTRY (CONDE) PROGRAM TRAINING FOR ALL PILOTS AND AIRCREW.
COMNAVAIRLANT & COMNAVSURFLANT FLEET UNITS	ATLANTIC FLEET	POST DEPLOYMENT REPAIR AND RETURN SERVICES FOR AVIATION DEPOT LEVEL REPAIRABLES
NAS WILLOW GROVE	PENNSYLVANIA	
NAS ALAMEDA	CALIFORNIA	
NAS PATUXENT RIVER	MARYLAND	
NAVSTA ROTA	SPAIN	
TRANSIENT AIRCRAFT	NAS NORFOLK	PROVIDE 5.2 MILLION GALLONS PER YEAR OF JP5 JET FUEL

N00188

Activity name	Location	Support function
WEAPONS		
NORTHWEST	SUFFOLK,VA	RECEIVE, STORE, AND
PORTSMOUTH NAVAL	PORTSMOUTH, VA	TRANSPORT ORDNANCE AND
SHIPYARD		ORDNANCE RELATED
CRANEY ISLAND C.	" "	MATERIAL
G. BASE		
NEWPORT NEWS	NEWPORT NEWS, VA	" "
NAVAL SHIPYARD		
NTC DAM NECK	DAM NECK, VA	" "
NAB LITTLE CREEK	LITTLE CREEK, VA	" "
FORT STORY	VIRG. BEACH, VA	" "
NAS OCEANA	" "	
		" "
WPNSTA	YORKTOWN, VA	
YORKTOWN, VA		" "
NWS YORKTOWN	" "	" "
NAS BERMUDA	BERMUDA	" "
COMSUBRONS	NORFOLK, VA	" "
COMNAVAIRLANT	" "	
COMNAVSURLANT	" "	" "
NAVAL STATION	" "	
SPCC	MECHANICSBURG, PA	" "
MECHANICSBURG, PA		
NAVORDSTA		" "
INDIANHEAD, MD		
MCSFCO NORFOLK	INDIANHEAD, MD	" "
SIMA NORFOLK		" "
CBU 411		" "
NAVCAMSLANT	NORFOLK, VA	" "
EOD GRU DET 2	" "	" "
NAVCOMSLANT	" "	" "
SDV TEAM TWO	" "	" "
SEAL TEAM TWO	" "	" "
CINCLANTFLT	" "	" "
USCG NORTHLAND	" "	" "
ALL NORFOLK BASED	" "	" "
SHIPS AND		
SUBMARINES		

N00188

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.) - See COMNAVBASE Norfolk for AICUZ Maps

NAS NORFOLK 00188

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

E. L. DUCKWORTH, CAPT USN
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

3 FEBRUARY 1994
Date

NAVAL AIR STATION, NORFOLK
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)

RADM Paul D. Moses
NAME (Please type or print)

Signature

Commander, Naval Base Norfolk
Title

03 FEB 1994
Date

Naval Base, Norfolk
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

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

Signature

ADMIRAL, U.S. NAVY
Title

2/15/94
Date

Commander In Chief
U.S. Atlantic Fleet
Activity

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

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

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

Signature

Deputy Chief of Naval
Operations (Logistics)
Title

17 FEB 1994
Date

4

MILITARY VALUE ANALYSIS:
DATA CALL WORK SHEET FOR
OPERATIONAL/RESERVE AIR STATION: NAVAL AIR STATION, NORFOLK VA

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

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

Data for Military Value Analysis

Mission Requirements 2
- Support of transient aircraft 2
- Training ranges, outlying and auxiliary fields, and airspace 2
- General Military Support 3
- Other units 4
- Other support requirements 6

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- Weather 26
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- Reserve demographic level 30

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UIC: 00188

Mission Requirements

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

Table 1.1 Transient Aircraft

Types of Aircraft/Unit. Name/T/M/S	Description of Frequency, Quantity and Primary Mission
See note	Unknown

Note: The servicing and support of transient aircraft (including military airlift and transports) is a major mission of NAS Norfolk. The air station's transient line serviced 13,142 aircraft consisting of 137 different models during fiscal year 1993. During the first and second quarters of fiscal year 1994 it serviced 8,308 aircraft consisting of 135 different models. The mission of these aircraft is unknown.

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

Table 2.1 Training Management

Managed Training Assets	Management Role
NONE	

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

Table 2.2 Other Installations

Installation	Agency	Reason for Consideration
None		

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General Military Support

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

No.

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

Remain the same.

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

None.

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

Operates an airfield; provide a locality where approved forces can train, make repairs, receive supplies and initiate operations; and to provide host services to assigned resident commands, activities, and units of the operating forces. The operational mission of NAS Norfolk stays basically the same during a contingency or wartime operation. The station will continue to maintain and operate facilities and provide services/materials to support operations of aviation activities/units of the operating forces of the Navy and other activities/units as designated by the Chief of Naval Operation.

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

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

If the LSMP is changed, the mission may be changed accordingly.

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

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

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

Air Mobility Command/Navy - cargo and passengers
Air Operations
Fueling Operations
Weapons Storage/Transhipment Support
Aircraft Intermediate Maintenance
Aviation Supply Operations
Fleet Aviation Specialized Operational Training Group, Atlantic

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

NAS will become the training site for H-3 aircraft in Oct 1996.

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

Table 7.1 Ground Combat or Special Operations Units

Ground Unit	Training Function / Facilities Used
SEALS	Parachute drops/Hangars ramp
EOD Teams	Mobilization and parachute insertion/Bldg SP63, Hangars ramp

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

Table 7.2 Other Units

Operational Unit	Training Function / Facilities Used
NONE	

UIC: 00188

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

Table 7.3 Joint Units

Operational Unit	Training Function / Facilities Used
NONE	

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

Table 8.1 Forces Supported

Forces	Location / Distance	Type of Support	Frequency
NAVY/JOINT FLEETEX (HC-2)	VACAPES 30-150 NM	LOGISTIC/EXECUTIVE TRANSPORT MINE LAYING (SIMULATED)	QUARTERLY
SEAL TRNG (HC-2)	LOCAL 10 NM	PLATFORM TRNG/FAST DICK DEPLOYMENT	QUARTERLY
NAVUNDERSEA WARFARE CENTER (HC-2)	VARIOUS EAST COAST LOCATIONS	TORPEDO RECOVERY /DEVELOPMENT SUPPORT	6 TIMES PER YEAR
CNO AEGIS DEVELOPMENT (HC-2)	VARIOUS EAST COAST LOCATIONS	AEGIS DEVELOPMENT	5 TIMES PER YEAR
LSE SCHOOL (HC-2)	HELIPORT 1 NM	LANDING/HOVERING /HOISTING	48 TIMES PER YEAR
MARINE SQUADRONS (HC-6)	VACAPES 30-150 NM	DAY/NIGHT AMPHIB SAR	3-5 DAYS PER MONTH
ARMY NVG/DLQ (HC-6)	VACAPES 30-150 NM	DAY/NIGHT AMPHIB SAR	1-2 DAYS PER MONTH
MARINE GND EXERCISES (HC-6)	COASTAL NORTH CAROLINA 200 NM	DAY/NIGHT SAR AMPHIB SAR FOR RECON LIFTS	ARG WORKUPS AND EXERCISES
EOD (HC-6)	VARIOUS NC/VA LOCATIONS	DAY/NIGHT PARADROPS, FASTROPE, RAPPLING, ETC	8-10 DAYS PER MONTH
VC-6 (HC-6)	VACAPES 30-150 NM	DRONE RECOVERY	2 DAYS PER MONTH
COMFITWINGLANT (VC-6)	VACAPES 30-150 NM	MISSLEX SUPPORT	MONTHLY
COMPHIBGRU TWO (VC-6)	VACAPES 30-150 NM	TERRORIST OPERATIONS	QUARTERLY
COMNAVAIRLANT (VC-6)	VACAPES 30-150 NM	MISSLEX/GUNEX SUPPORT	AS REQUIRED
COMNAVSURFLANT (VC-6)	VACAPES 30-150 NM	MISSLEX/BOMBEX SUPPORT	AS REQUIRED

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

The following is a list of responsibilities of the Naval Air Station, Norfolk Disaster Preparedness Division:

a) Responsible for the overall readiness of the disaster preparedness program.

b) Advise the Commanding Officer, staff and tenant activities on destructive weather conditions and emergency recovery matters.

c) Annually review and revise the destructive weather plan and pertinent directives and ensure that all assigned military and civilian personnel are familiar with their contents.

d) Inform personnel of destructive weather conditions and warnings.

e) Ensure all military and civilian personnel are aware of their local community's hurricane shelters, and NAS Norfolk hurricane shelters.

f) Schedule and coordinate destructive weather exercises to ensure the adequacy of this plan and the effectiveness of the program.

g) Establish and maintain liaison with other government and civilian disaster preparedness agencies to assure mutual understanding and support during crisis situations.

h) Administer a base-wide disaster preparedness educational training program to ensure all assigned personnel are familiar with their responsibilities as members of the military in times of a local/national disaster or crisis emergency.

i) Coordinate efforts in training and manning five (5) Hurricane shelters.

j) Train and maintain Nuclear Biological Chemical Warfare Team of 25 personnel to recover from an accident on Naval Air Station, Norfolk.

k) NAS Norfolk has search and rescue functions and capabilities. While NAS Norfolk does not have organic aircraft dedicated to full time exclusive SAR operations, standard operating procedures for the control tower call for use of any available tenant aircraft. In actual practice, NAS Norfolk based aircraft have and will in the future respond to search and rescue. While Coast Guard maintains responsibility for oversight of major SAR evolutions, NAS Norfolk aircraft and flight crews are available for coordinated SAR response.

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

Aviation Weather Detachment of Naval Eastern Oceanography Center provides local hourly weather observations to the National Weather Service.

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

NAS Norfolk supports a counter narcotics project by providing logistical and maintenance support. CAEWWLANT designates one operational squadron to provide air support.

UIC: 00188

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

The following is a list of responsibilities of the Naval Air Station, Norfolk Disaster Preparedness Division:

a) Responsible for the overall readiness of the disaster preparedness program.

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j) Train and maintain Nuclear Biological Chemical Warfare Team of 25 personnel to recover from an accident on Naval Air Station, Norfolk.

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

NAS Norfolk supports a counter narcotics project by providing logistical and maintenance support. CAEWWLANT designates one operational squadron to provide air support.

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

Table 10.1 Support Operations

Aircraft Type	Number of Aircraft	# Sorties Flown in FY 1993
E-2C	4	Classified

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

Table 10.2 Supporting Equipment

Equipment/Facility /Personnel	Function[1]
NAS Supply Dept/ 3 military personnel	Requisitioning of materials
NALO Navy airlift	Cargo, maintenance support, and personnel movement
NAS AIMD	Repair

[1]All functions are in direct support of counter narcotics.

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

No

UIC: 00188

Facilities

Air Space and Flight Training Areas

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

Units attached to NAS Norfolk utilize the following Special Use Airspace (SUA) on a routine basis:

Airspace Designators: W-50, W-72, R-6606

a. Type of airspace: **warning area**
b. Dimensions: **120NM X 135NM (APPROX 16,200 SQ MI)**
Altitudes. **W-72A SFC-UNL**
W-72B SFC-UNL
c. Distance from main airfield: **26nm**
d. Time enroute from main airfield: **10 Minutes**
e. Controlling agency: **Washington ARTCC**
f. Scheduling agency: **FACSFAC VACAPES**
g. Are canned/stereo airways needed to access airspace? **No, Note 1.**
- If so, how many?
- If so, what types?
h. Is the airspace under radar coverage? **Yes.**
i. Is the airspace under communications coverage? **Yes.**
j. Number of low level airways (below 18,000ft) that bisect airspace: **None.**
k. Number of high altitude airways (above 18,000ft) that bisect airspace: **None**
l. Number of sorties flown in FY 1993: **31,472**
- **By Navy/USMC: 24,189**
- **By other services: 7,283**
m. Percent of sorties canceled due to weather: **Not tracked.**
n. Number of available hours in FY 1993: **Continuous (8760)**
o. Number of scheduled hours in FY 1993: **Not tracked for area.**
p. Number of hours used: **Note 2.**
q. Types of training permitted: **Special Forces Training, Gunnery training, drone launch/control, air-to-air missile exercises, surface-to-air missile exercises, CIWS gunnery, ACM training, CATAS, VDS, NIXIE, CV operations, AIC training.**
r. Is the training within this airspace affected by environmental issues? If so, how? **No.**

UIC: 00188

Airspace Designators: W-386

a. Type of airspace: **warning area**
b. Dimensions: **60NM X 120NM (APPROX 7,200 SQ MI)**
Altitudes. **W-386A SFC-UNL**
W-386B SFC-UNL
W-386C SFC-20
W-386D SFC-UNL
W-386E SFC-UNL
c. Distance from main airfield: **36nm**
d. Time enroute from main airfield: **10 Minutes**
e. Controlling agency: **Washington ARTCC**
f. Scheduling agency: **FACSFAC VACAPES**
g. Are canned/stereo airways needed to access airspace? **No, Note 1.**
- If so, how many?
- If so, what types?
h. Is the airspace under radar coverage? **Yes.**
i. Is the airspace under communications coverage? **Yes.**
j. Number of low level airways (below 18,000ft) that bisect airspace: **None.**
k. Number of high altitude airways (above 18,000ft) that bisect airspace: **None**
l. Number of sorties flown in FY 1993: **19,832**
- **By Navy/USMC: 4,041**
- **By other services: 15,791**
m. Percent of sorties canceled due to weather: **Not tracked.**
n. Number of available hours in FY 1993: **Continuous (8760)**
o. Number of scheduled hours in FY 1993: **Not tracked for area.**
p. Number of hours used: **Note 2.**
q. Types of training permitted: **Rocket firing, flight test programs, gunnery exercises, torpedo exercises, Air Mine Counter Measure Ops, USAF exclusive air Ops.**
r. Is the training within this airspace affected by environmental issues? If so, how? **No.**

UIC: 00188

R

Airspace Designator: W-122
a. Type of airspace: **warning area**
b. Dimensions: **180NM X 120NM (APPROX 18,900 SQ MI)**
Altitudes. **W-122A SFC-UNL**
W-122B SFC-UNL
W-122C SFC-UNL
W-122D SFC-17999
W-122E FL180-UNL
W-122F SFC-UNL
W-122G SFC-UNL
W-122H SFC-UNL except airspace above FL 240 excluded in the following area: 34 23 15N 77 30W thence northeastward 3NM from and parallel to the shore line to 34 28 40N 77 19W, 33 53 30N 77 26 11W, 33 51N 77 30W to the point of beginning.
W-122I SFC-UNL except airspace above FL 240 excluded in the following area: 33 53 30N 77 26 11W, 33 34N 77 30 25W, 33 34N 77 30 25W, 33 51N 77 30W, to the point of beginning.
W-122J SFC-UNL
c. Distance from main airfield: **88nm**
d. Time enroute from main airfield: **12 Minutes**
e. Controlling agency: **Washington ARTCC**
f. Scheduling agency: **FACSFAC VACAPES**
g. Are canned/stereo airways needed to access airspace? **No, Note 1.**
- If so, how many?
- If so, what types?
h. Is the airspace under radar coverage? **Yes.**
i. Is the airspace under communications coverage? **Yes.**
j. Number of low level airways (below 18,000ft) that bisect airspace: **None.**
k. Number of high altitude airways (above 18,000ft) that bisect airspace: **None**
l. Number of sorties flown in FY 1993: **24,545**
- **By Navy/USMC: 12,984**
- **By other services: 11,561**
m. Percent of sorties canceled due to weather: **Not tracked.**
n. Number of available hours in FY 1993: **Continuous (8760)**
o. Number of scheduled hours in FY 1993: **Not tracked for area.**
p. Number of hours used: **Note 2.**
q. Types of training permitted: **Area is generally used by USN/USAF/USMC for AIC/ACM training, Hawk/Stinger/Patriot Missile exercises, and RPV operations 12 months per year. Aircraft Operations: F-14, F-15, F-16, F-5, A-4, T-38, T-2 conducting ACM training. W-122 is used extensively for various Amphibious Exercises.**
r. Is the training within this airspace affected by environmental issues? If so, how? **No.**

UIC: 00188

R

Airspace Designator: **Pamlico A and B MOA**

a. Type of airspace: **Military operation area**
b. Dimensions:
c. Distance from main airfield: **70nm**
d. Time enroute from main airfield: **10 Minutes**
e. Controlling agency: **FAA, ARTCC Washington, DC**
f. Scheduling agency: **FACSFAC VACAPES**
g. Are canned/stereo airways needed to access airspace? **No, Note 1.**
- If so, how many?
- If so, what types?
h. Is the airspace under radar coverage? **Yes.**
i. Is the airspace under communications coverage? **Yes.**
j. Number of low level airways (below 18,000ft) that bisect airspace: **None.**
k. Number of high altitude airways (above 18,000ft) that bisect airspace: **None**
l. Number of sorties flown in FY 1993: **1,262 air operations**
- **By Navy/USMC: Not tracked.**
- **By other services: Not tracked.**
m. Percent of sorties canceled due to weather: **Not tracked.**
n. Number of available hours in FY 1993: **8,760**
o. Number of scheduled hours in FY 1993: **2,830.75**
p. Number of hours used: **2,425.50**
From our perspective, "hours utilized" is misleading due to concurrent use of airspace.
q. Types of training permitted: **Air combat maneuvering, air intercept control and air operations**
r. Is the training within this airspace affected by environmental issues? If so, how? **No.**

UIC: 00188

Airspace Designator: **AR-9 / W-110**

a. Type of airspace: **warning area**
b. Dimensions: **100NM X 20NM (APPROX 2000 SQ MI)**
c. Distance from main airfield: **26nm**
d. Time enroute from main airfield: **10 Minutes**
e. Controlling agency: **FACSFAC VACAPES**
f. Scheduling agency: **FACSFAC VACAPES**
g. Are canned/stereo airways needed to access airspace? **No, Note 1.**
   - If so, how many?
   - If so, what types?
h. Is the airspace under radar coverage? **Yes.**
i. Is the airspace under communications coverage? **Yes.**
j. Number of low level airways (below 18,000ft) that bisect airspace: **None.**
k. Number of high altitude airways (above 18,000ft) that bisect airspace: **None**
l. Number of sorties flown in FY 1993: **3,110**
   - **By Navy/USMC: 856**
   - **By other services: 2,254**
m. Percent of sorties canceled due to weather: **Not tracked.**
n. Number of available hours in FY 1993: **Continuous (8760)**
o. Number of scheduled hours in FY 1993: **Not tracked for area.**
p. Number of hours used: **Note 2.**
q. Types of training permitted: **Area is generally used by C-130 aircraft for transit to Bermuda and aircraft transit between W72/W122 during CV flyoff operations and long range tracking exercises for surface units involving Commercial Air Services.**
r. Is the training within this airspace affected by environmental issues? If so, how? **No.**

UIC: 00188

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

Range Name: R4804[1]

a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR): Restricted
b. Dimensions (nmi. x nmi. x ft of altitude): 106 sq mile/sfc - 17,999 MSL
c. Distance from main airfield: 18nm
d. Time enroute from main airfield: 3 min.
e. Controlling agency: Oakland Center FAA
f. Scheduling agency: NAS Fallon
g. Are canned/stereo airways needed to access air space?: No
   - If so, how many? NA
   - If so, what types (i.e., IMC, VMC, or altitude reservation)? NA
h. Is the airspace under radar coverage?: Yes
i. Is the airspace under communications coverage?: Yes
j. Number of low level airways (below 18,000 ft) that bisect airspace: None
k. Number of high altitude airways (above 18,000 ft) that bisect airspace: None
l. Number of sorties flown in FY 1993: Not available
   - By Navy/USMC NA
   - By other services (including Reserves and National Guard) NA
m. Percent of sorties canceled due to weather: Not available
n. Number of available hours in FY 1993: 6022.5
o. Number of scheduled hours in FY 1993: 5638.75[2]
   - By Navy/USMC NA
   - By other services (including Reserves and National Guard): NA
p. Number of hours used: 2961[2]
   - By Navy/USMC NA
   - By other services (including reserves and national guard): NA
q. Types of training permitted: Air/Ground/SAR exercises, ACM, Electronic Warfare
r. Is the training within this airspace affected by environmental issues? Off range ordnance and mining claims issues.

[1]This airspace is used by station aircraft when detached to NAS Fallon.
[2]For all aircraft.

NOTE: There are no local air-to-ground training ranges routinely used by NAS Norfolk squadrons.

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

YES. In 1996, shift of National Airspace boundary to 12NM limit will cause loss of 9NM of airspace available for training along the entire East Coast (approx 3,321 square miles total). Proposal for airspace (MOAs, Restricted Areas) modification to counter shift of National Airspace border from three to twelve miles in 1996 have been submitted to Navy Representative, FAA Southern and Northeast Regions. Proposed airspace will allow users to activate necessary airspace to permit training that would otherwise be impacted by loss of airspace.

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

YES

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

Table 16.1 Deployment Costs

WHERE	REASON	ANNUAL TAD COSTS ADVERSE WEATHER	ANNUAL TAD COSTS AIRSPACE NOT AVAILABLE	ANNUAL TAD COSTS NO LOCAL RANGE/ OTHER
NONE				

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Airfields

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

Airfield Name: NAS Norfolk (Chambers Field)

a.Location: NAS Norfolk, Norfolk, Virginia
b.Distance from main field: Not applicable, it is the main airfield.
c.Does the airfield have more than one runway complex that can conduct independent (i.e., concurrent) flight operations? Yes
d.Does the airfield have parallel or dual offset runways? No
e.If the airfield has parallel or dual offset runways, do they permit dual IFR flight operations? NA
e.Does the airfield have full-length parallel taxiways? Yes
f.Does the airfield have high speed taxiways? No
g.Does the airfield have a crosswind runway? No
h.If conditions force the use of this runway, does the airfield lose flight ops capacity? Not applicable
i.How much capacity is lost? Not applicable
j.What percent of the time do conditions force the crosswind runway to be used? Not applicable
k.Is the airfield equipped to support IFR flight operations? Yes
l.Is the airfield owned by the navy or leased? Navy owned
m.Discuss any runway design features that are specific to particular types of aircraft (e.g., are the airfield facilities designed primarily for helo, prop. or jet train aircraft). None
n.Does the air station perimeter road completely encircle the airfield? No (encircles approximately 95% of the airfield)
o.Is the air station perimeter road 100% paved? If not estimate the percentage paved. Yes
p.Does the perimeter fence completely enclose the operational areas of the air station? If not, explain why. No. Water boundary to the north (Willoughby Spit) provides a natural barrier.
q.Is lack of fencing a security discrepancy? No
r.Other remarks.

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Airfield Name: NAS Norfolk Heliport

a.Location: NAS Norfolk, Norfolk, Virginia
b.Distance from main field: 1 mile
c.Does the airfield have more than one runway complex that can conduct independent (i.e., concurrent) flight operations? No
d.Does the airfield have parallel or dual offset runways? Yes
e.If the airfield has parallel or dual offset runways, do they permit dual IFR flight operations? No
e.Does the airfield have full-length parallel taxiways? No
f.Does the airfield have high speed taxiways? No
g.Does the airfield have a crosswind runway? No
h.If conditions force the use of this runway, does the airfield lose flight ops capacity? Not applicable
i.How much capacity is lost? Not applicable
j.What percent of the time do conditions force the crosswind runway to be used? Not applicable
k.Is the airfield equipped to support IFR flight operations? Yes, departures only
l.Is the airfield owned by the navy or leased? Navy owned
m.Discuss any runway design features that are specific to particular types of aircraft (e.g., are the airfield facilities designed primarily for helo, prop. or jet train aircraft). Helicopters only
n.Does the air station perimeter road completely encircle the airfield? No
o.Is the air station perimeter road 100% paved? If not estimate the percentage paved. Yes
p.Does the perimeter fence completely enclose the operational areas of the air station? If not, explain why. No. Water source (Willoughby Spit) provides a natural barrier.
q.Is lack of fencing a security discrepancy? No
r.Other remarks.

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

Yes. See attached.

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Facilities
Base Infrastructure and Investment

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

Table 19.1 Capital Improvement Expenditure[1]

Project Number	Description	Fund Year	Value
P-128	AVIATION MAINTENANCE TRAINING FACILITY	91	2.5M
P-633	AIRCRAFT MAINTENANCE HANGAR	91	6.7M
P-519	AIRCRAFT MAINTENANCE HANGAR	92	6.9M
P-183	MAGAZINE AREA PHYSICAL SECURITY	93	1.1M
P-847	ORDNANCE HANDLING PAD	93	2.0M

[1]None of these projects are the result of BRAC.

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

Table 20.1 Planned Capital improvements

Project Number	Description	Fund Year	Value
P-721	BACHELOR ENLISTED QUARTERS	94	14.1M

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

Table 20.2 **Planned Capital improvements**

Project Number	Description	Fund Year	Value
None			

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Personnel Support Facilities

21.. Administrative Spaces

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

Table 21.1 Administrative Support Spaces

Building Type	NAVFAC (P-80) category code	Adequate		Substandard		Inadequate		Total[2]	
		SF	PN[1]	SF	PN[1]	SF	PN[1]	SF	PN[1]
Administrative office	610-10	662,065	7356	80,441	894	137,694	1530	880,200	9780
ADP installations	610-20	35,235	392	0	0	37,276	414	72,511	806
Legal services	610-40	0	0	0	0	5,342	59	5,342	59
Admin storage	610-77	0	NA	0	NA	10,000	NA	10,000	NA
Underground administrative office	620-10	0	0	0	NA	0	0	0	0
Underground ADP installation	620-20	0	0	0	NA	0	0	0	0
Underground admin storage	620-77	0	NA	0	NA	0	NA	0	NA

[1]Calculated figure - SF is divided by 90
[2]Total differs from P-164 due to demolitions not yet reflected in the P-164 report.

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

Building	SF	Deficiency	Current use	Other Possible uses	Cost to Fix or Demo ($)	Plan	Base Rep
LAG11,11 A,35	6614	Noise	Admin	Storage	32,100 Demo	Demo by P-120	No
LP1	734	Safety, Noise, Function	Admin	Storage	1321 Demo	Demo by P-191	C3
LP12, 14	5864	Location, Noise, Configuration	Admin	Shop	19,351 Demo	Demo by P-522 and P-523	C3
LP48	546	Location	NADEP Admin	Storage	27,000 Demo	Demo in FY-94	No
LP78	230	Location	NADEP Engine Test Cell	Storage	None	None	No
LP84	580	Location, Design, Function	Air Passenger Terminal	Cargo Handling	None	Replaced by P-296	C3
NM94	1200	Condition, Noise, Explosive Safety	Admin	Storage	None	None	No
R49, 51, 56	25788	Obsolete	Admin	None	735,000 Demo	Demo in FY94-97	No
SP129	7128	Heating, Noise, Obsolete	Admin	None	178,000 Demo	Demo in FY-99	No
SP17	572	Configuration, Location, Noise	Admin	Storage	None	None	No
SP345	165	Configuration, Location	Admin	None	4,000 Demo	Demo in FY-99	No

SP71	8586	Wiring, Power, Heating, Configuration	Admin	None	446,000 Demo	Demo in FY-96	NO
SP88, 89	3333	Obsolete	Admin	Warehouse	83,325 Demo	Demo in FY-99	No
U16, 20	11266	Configuration, Location	Admin	BEQ	399,943 Convert	None	No
V53	74830	Location, Configuration	Admin	Warehouse	None	None	No
SP50	12876	Obsolete	Admin	None	484,000 Demo	Demo	No
V9	24400	Location, Configuration, Water Leak	NADEP Data Processing	Training	854,000 Convert	None	No
NM61U3, 61U4	5600	Explosive Safety, Noise, Criteria/ Design	Storage	None	140,000 Demo	Demo	No

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

No additional adequate administrative facilities are available. Any additional administrative facility requirements must be supported by funding to either convert existing facilities to administrative spaces or build new facilities.

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

Table 23.1 Specialized Training Facilities/Simulators Onboard/In Vicinity

Type	Purpose and Availability Elsewhere
ASN 123	Organizational Maintenance Trainer (OMT)
SDC	Acoustic Processes Trainer (Sonar Data Computer)
2F110	Full Motion E-2 Simulator
2F166	Static E-2 Simulator
5F8A/B	WST (E-2)
AMCM	Airborne Mine Countermeasure Procedures
H53	Full Motion Simulator (H-53)

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

Table 23.2 Facilities/Simulators Desired

Type	Training Function	Location
H-46	H-46 Flight Simulator	NAS North Island, CA

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

Yes. NADEP Norfolk is on the BRAC 93 closure list.

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

The following is a list of services provided by NADEP Norfolk to NAS Norfolk AIMD.

a. Turbine vane cleaning
b. Blade and spinner repair
c. Helicoil and stud replacement
d. Close tolerance bends on hydraulic lines
e. Chamber welding on H-53 A. P. P. exhaust ducts
f. Various schools; paint and finish, fiberglass and radome repair, corrosion control, basic and advanced welding school ("C" school)
g. Hydrostatic testing and wire wrap of nitrogen bottles
h. Calibration - 1146 items annually
i. Standards Repair - as needed. 31 items last year.
j. Load test of aircraft slings and survival equipment
k. Hydrostatic testing of various bottles; CO2, N2, O2 scuba bottles and heeds servicing units.
l. Purge and fill TMU-70 lox carts, CO2, N2, and O2 cylinders.
m. Recharge aircraft fire bottles

25.a. What ship maintenance facilities are located at the air station?

Table 25.1 Ship Maintenance Facilities

Ship Maintenance Facility	Major Capabilities
NONE	

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

Table 25.2 Other Ship Maintenance Facilities

Maintenance Activity	Type of Support	Location
N/A		

Regional Maintenance Concept

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

AIMD Norfolk has been identified to be part of the Navy's Regional Maintenance concept. We are members of PAT teams studying the following pilot consolidation projects: calibration, gas turbine engines, yellow gear, corrosion control, and material & chemical labs. Final decision for consolidation will be made by CINCLANTFLT.

The Regional Maintenance Concept has been approved. At the current time, detailed implementation plans have not been finalized. The specific impact upon this activity and others in the region will be certified and provided as the information becomes available.

The following intermediate and depot maintenance activities are within a 25 mile radius of AIMD Norfolk: SIMA Little Creek, SIMA Portsmouth, SIMA Norfolk, AIMD Oceana, NADEP Norfolk, Norfolk Naval Shipyard, CV AIMD's, and LHA AIMD's.

Special Military Facilities

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

Table 27.1 Special Military Facilities

Type of Facility	Operational Mission of Facility
Hangars	Aviation Operations
Control Tower	Aviation Communications
Maintenance	Aviation Maintenance and Repair
BOQ/BEQ	Troop Housing/Messing
Warehouses	Supply and other storage
Admin spaces	Personnel Support
Training	Troop Training
Medical	Medical Support
Oceanography Center	Weather Operations

Non-DON Facility Support Arrangements

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

Table 28.1 Non-DON Support

Activity Name / Military Service	Description of Activity Role and Degree of Support
U. S. ARMY TRANSPORTATION CTR	Provide logistic air support.
436 MARINE AIR WING	Provide airfield operations, fire protection, facilities, berthing, facilities maintenance, disaster control plan/emergency shelters.
MARINE CORPS SECURITY FORCE BATTALION	Provide facilities, facilities maintenance, disaster control plan/emergency shelter.
MARINE AIRCRAFT GROUP 42, DET B	Provide facilities, facilities maintenance, disaster control plan/emergency shelter.
CAMP ELMORE MARINE CORPS	Provide facilities, facilities maintenance, disaster control plan/emergency shelter.

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

Table 29.1 Other Agencies

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
U. S. CUSTOMS	Provide facilities, facilities maintenance, disaster control plan/emergency shelters.
NAVAL AIR FEDERAL CREDIT UNION	Provide facilities, logistical support, disaster control plan/emergency shelters.
U. S. POST OFFICE	Provide facilities, facilities maintenance, disaster control plan/emergency shelters.
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	Provide facilities, facilities maintenance, disaster control plan/emergency shelters.
DEPARTMENT OF AGRICULTURE	Provide logistical support
FEDERAL AVIATION ADMINISTRATION	Ensure equipment is maintained and that technicians are trained to support Aviation requirements.

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Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
COASTAL SYSTEMS STATION, PANAMA CITY, FLORIDA	Provide coastal systems station with intermediate level support for the MH-53E aircraft, ATE supported avionics, and related supported equipment.
NORFOLK STATE UNIVERSITY	Provide logistical support, facilities, facilities maintenance, disaster control plan and emergency shelters.
OLD DOMINION UNIVERSITY	Provide facilities and logistical support.
SAINT LEO COLLEGE	Provide logistical support, facilities, facilities maintenance, disaster control plan and emergency shelters.
TIDEWATER COMMUNITY COLLEGE	Provide logistical support, facilities, facilities maintenance, disaster control plan and emergency shelters.
NAS LITTLE LEAGUE	Sets conditions for the 5 ballfields (insurance, field maintenance, concession stand maint, and maintaining good order & discipline).
U. S. CUSTOMS SERVICE DEFENSE COURIER SERVICE (DCS)	Provide logistical support facilities, facilities maintenance, disaster control plan, and emergency shelters.
DEFENSE MAPPING AGENCY COMBAT SUPPORT OFFICE ATLANTIC (DMA)	Provide logistical support facilities, facilities maintenance, disaster control plan, and emergency shelters.
U. S. ARMY TRANSPORTATION CENTER FORT EUSTIS	Provide logistical support facilities, facilities maintenance, disaster control plan, and emergency shelters.
JOINT DOCTRINE CENTER (JDC)	Provide logistical support facilities, facilities maintenance, disaster control plan, and emergency shelters.
DEFENSE DISTRIBUTION DEPOT (DDNV)	Provide logistical support facilities, facilities maintenance, disaster control plan, and emergency shelters.

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LOCATION

Proximity to Operational Mission Areas

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

C-2, H-53 and H-46 aircraft provide operational logistic support on the east coast of Virginia in W-386 and W-72. The transit distance to the operating area is 50 miles. The average time spent on a mission for the C-2's is 1.5 to 3 hours, depending on the location of the ship. The H-53's and H-46's take approximately 8 hours for carrier offload missions and 2 hours for most other operations.

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

Yes. Location on coast adjacent to warning/restricted areas allows training with Battle Groups and Joint exercises.

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

HM-14 = Yes, deploys annually to Ft Lauderdale, Fl to conduct specific minewarfare training due to non-existence of required range in Vacapes area.

VAW SQUADRONS - YES. Carrier qualification operations and certain forms of tactical training can only be completed while deployed.

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

Table 31.1 Local Airfields

Airfield Name	Major Use / Capability	Location/Distance (Statute miles)
NAS Oceana	Practice Landings, takeoffs, approaches, emergency	13SE
Langley AFB	Practice Landings, takeoffs, approaches, emergency	10N
Elizabeth City	Practice Landings, takeoffs, approaches, emergency	38S
Felker AAF	Practice Landings, takeoffs, approaches, emergency	20NW
Newport News/ Williamsburg International	Practice Landings, takeoffs, approaches, emergency	18NW
Norfolk International	Emergency	5E

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

Table 31.2 Other Military Facilities

Military Facility Name	Actual / Proposed Use	Distance (Statute Miles)
Naval Auxiliary Landing, Fentress, VA	Touch and Go Landings	30 miles

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

Table 31.3 Civilian Facilities

Civilian Facility Name	Actual / Proposed Use	Distance (Statute Miles)
Franklin Airport	Flight Training	60 miles
Newport News-Williamsburg Airport	Flight Training	18 miles

Location
Proximity to Major Transportation Nodes

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

Table 32.1 Transportation Nodes

Facility	Mobilization Role	Location
MAC Terminal	Aircraft Operations	LP-84 (on base)
Portsmouth Marine Terminals	Shipping	Portsmouth Virginia
Norfolk International Terminal	Shipping	Norfolk Virginia
Norfolk International Airport	Aircraft Operations	Norfolk Virginia
Newport News/Williamsburg International Airport	Aircraft Operations	Newport News Virginia
Amtrack	Train Operations (passenger)	Newport News Virginia
Norfolk Southern	Train Operations (shipping)	Norfolk
I-64, 44, 564, 664	Vehicle Operations	Norfolk
U. S. Route 13	Vehicle Operations	Norfolk
NAS Oceana	Naval Aircraft Operations	Virginia Beach, VA

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Features and Capabilities - Weather

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

Table 33.1 Weather Information

Field Name: Chambers Field

Month	% of Hours VMC[1]	% of Hours IMC	% of Hours Below 200 ft Ceilings and 1/2 Mile Visibility	% of All Sorties Canceled[2] Due to Weather
Jan.	82	18	5	5
Feb.	82	18	5	5
Mar.	85	15	4	5
Apr.	88	12	3	2
May	87	13	3	2
June	91	9	1	2
July	92	8	1	2
Aug.	91	9	1	2
Sept.	89	11	1	2
Oct.	86	14	2	5
Nov.	87	13	2	5
Dec.	85	15	4	5

[1]Percentage of total normal operating hours that specified weather conditions were observed (include list of normal operating hours used for this calculation).
[2]Only include lost sorties (do not include sorties delayed or rescheduled).

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

Table 33.2 Operating Hours

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

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

No.

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

No.

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

No.

Encroachment

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

The neighborhoods surrounding NAS Norfolk are well developed and have little opportunity for growth. The 65 LDN contour has made a significant change since the 1982 study as a result of new flight patterns[1], and there is a change in the incompatible land use area that has been reflected in the latest AICUZ study. There are no existing zoning ordinances in the city of Norfolk concerning AICUZ with the exception of height restrictions over the departure and landing patterns.

[1]Per Harris Miller & Hanson Inc. study, 1991, see attached map.

34.b. Are there any known plans for a significant increase of commercial airline traffic in your area? If so, describe.

No

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

No

Table 35.1 Delays

Fiscal Year	Average Delay (minutes)	Number of Delays	% of Total Flight Operations Scheduled
1991	None		
1992	None		
1993	None		

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

This facility does not operate or schedule low level training routes.

Table 35.2 Required Changes

Fiscal Year	Number of changes
1991	NA
1992	NA
1993	NA

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

The city of Norfolk has placed height restrictions for building in the flight path but there is no other ordinance that reflects AICUZ zones.

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

There are no local ordinances that restrict flight hours, however, NAS Norfolk has internal restrictions that reduce noise during night hours. There has been no litigation against NAS Norfolk.

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

No. The neighborhoods adjacent to NAS Norfolk are fully developed and no additional encroachment is foreseen.

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

None. Area is currently fully developed and no change is planned.

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

There is currently no litigation.

Features and Capabilities

Ability for Expansion

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

Air Station Feature	Benefit for Aircraft Squadrons
Collocation with fleet	Development, carriers, easy access for personnel
Proximity to established logistic operations	Ease of access to materials req'd to maintain flight operations for all aircraft types
Proximity to Norfolk based ships	Reduced transit time to/from ships for deployment
Closure of NADEP	Adequate ramp space and hangar space to accommodate additional squadrons
BQ renovations and MILCON P-721	Additional berthing and improved quality of life
Proximity to major air space training areas	Ease of training for FRS squadrons
Collocation with LANTFLT	Maximizes training opportunities with fleet units at minimum costs
Strong community support	Local community supports the military which encourages growth within the military complex

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

NO

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

The infrastructure meets the current requirements and there is room for expansion in the areas of hangars and munitions storage. Parking apron could be expanded if old hangars are demolished. AIMD could expand into the NADEP spaces after it is closed. Additional warehouse space could be provided once the NADEP closes. Training facilities would require new construction for expansion.

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

	FY-1991	FY-1992	FY-1993
OFFICER	100%	100%	100%
ENLISTED	100%	100%	100%

Personnel Support Facilities

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

Within a radius of 30 miles of the Naval Air Station, Norfolk there is a Naval Shipyard, another Naval Air Station, two Naval Stations, several Army Bases, an Air Force Base, several hundred tenant commands, several civilian shipyards and a large local industrial base which includes numerous contractors assisting the government in all facets of operations. This enormous pool of workers satisfies this Naval Air Station's needs as well as the needs of the other military installations. The abundance of military facilities in this area is a continuous source of all types of skills through in-house training and apprentice programs. Additionally, many members of the military retire here adding to the skilled workforce.

The essential skills in question are unique to areas that include a significant military aviation presence or substantial manufacturing or commercial activities. Areas without a military aviation installation or industrial base that include some aviation endeavors would not generate a flow of the essential skills and this shortage would cause a premium to be paid for essential skills.

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Quality of Life

41. Military Housing

a. Family Housing:

(1) Do you have mandatory assignment to on-base housing? **No**

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

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	199	199	0	0
Officer	3	197	195	2	0
Officer	1 or 2	15	14	1	0
Enlisted	4+	870	870	0	0
Enlisted	3	889	863	26	0
Enlisted	1 or 2	944	723	221	0
Mobile Homes		0	0	0	0
Mobile Home lots		0	0	0	0

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

N/A

Facility type/code:
What makes it inadequate?
What use is being made of the facility?
What is the cost to upgrade the facility to substandard?
What other use could be made of the facility and at what cost?
Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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41.a.(4) Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List[1]	Average Wait
O-6/7/8/9	1	0	0
	2	0	8-10 Months
	3	0	8-10 Months
	4+	14	12-14 Months
O-4/5	1	0	0
	2	1	9-12 Months
	3	62	12-15 Months
	4+	33	10-16 Months
O-1/2/3/CWO	1	0	4-9 Months
	2	3	4-9 Months
	3	3	6-15 Months
	4+	16	12-14 Months
E7-E9	1	0	2-9 Months
	2	11	6-14 Months
	3	67	7-13 Months
	4+	63	12-24 Months
E1-E6	1	0	2-9 Months
	2	1080	6-14 Months
	3	778	7-13 Months
	4+	534	12-24 Months

[1]As of 31 March 1994

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41.a.(5) What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

	Top Five Factors Driving the Demand for Base Housing
1	High cost for junior enlisted, 3 or more bedrooms
2	Travel time/distance
3	Convenience to Base facilities/child care
4	Sense of safety/security (undesirable high crime areas, especially near base.)
5	Area has large deployable sector. Shared camaraderie/problems/expenses.

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

32%

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

Type of Quarters	Utilization Rate
Adequate	98.2
Substandard	97.4
Inadequate	N/A

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% (or vacancy over 2%), is there a reason?

1.) Yes.
2.) 600 substandard units in Ben Morrell housing are being demolished and 388 units will be rebuilt. Some quarters have been taken off line in Camp Allen and Torgerson sites, for planned revitalization projects scheduled FY95-97 time frame. Some units have been/ condemned in Carper housing due to unsafe structural conditions as identified by Engineering Structural inspection.

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41.b. BEQ:

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

Type of Quarters	Utilization Rate
Adequate	85%
Substandard	85%
Inadequate	85%

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

The occupancy rate has increased by 8% from FY-93 to 31 March 1994 due to the completion of renovations. The total occupancy rate is 85% due to renovations that are in progress and deployments.

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

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

$$= \frac{71 \text{ X } 206}{365} = 40$$

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	60	92.2	
Spouse Employment (non-military)	2	1.4	
Other	9	6.4	
TOTAL	71	100	

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

Data not available. No waiting list has been established.

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41.c. BOQ:

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

Type of Quarters	Utilization Rate
Adequate	87%
Substandard	0
Inadequate	0

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

The occupancy rate has increased by 8% from FY-93 to 31 March 1994 due to the completion of renovations. The total occupancy rate is 87%, due to renovations that are in progress and deployments.

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

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

$$\text{AOB} = \frac{2 \times 300}{365} = 1.6$$

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	2	100	
Spouse Employment (non-military)	0		
Other	0		
TOTAL	2	100	

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

Data not available.

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On Base MWR Facilities

42. For on-base MWR facilities[1] 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 NAVAL AIR STATION, NORFOLK, VA DISTANCE WITHIN CNB

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	15	Y
	Outdoor Bays	24	Y
Arts/Crafts	SF	0	N/A
Wood Hobby	SF	0	N/A
Bowling	Lanes	24	Y
Officer's Club	SF	31517	N/A
Library	SF	0	N/A
Library	Books	0	N/A
Theater	Seats	0	N/A
ITT	SF	0	N/A
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	5	N
Pool (outdoor)	Lanes	5	N
Beach	LF	200	N/A
Swimming Ponds	Each	0	N/A
Tennis CT	Each	4	N

[1]Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

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Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	2	N
Basketball CT (outdoor)	Each	1	N
Racquetball CT	Each	3	N
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium	SF	8,000	N
Fitness Center	SF	0	N/A
Marina	Berths	0	N/A
Stables	Stalls	0	N/A
Softball Fld	Each	4	N
Football Fld	Each	0	N/A
Soccer Fld	Each	0	N/A
Youth Center	SF	0	N/A
Boat Issue	SF	1,995	N
Vet Clinic	SF	2,992	Y

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

NAS Norfolk does not have a library.

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44. Base Family Support Facilities and Programs

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

NO CHILD CARE IS AVAILABLE ON NAS NORFOLK.

Age Category	Capacity (Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos						
6-12 Mos						
12-24 Mos						
24-36 Mos						
3-5 Yrs						

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

Facility type/code: 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?

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

Family Home Care - Referral to available care

d. How many "certified home care providers" are registered at your base?
83

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

NAB Little Creek - 199 - 6 weeks to 5yrs.
NNSY, Portsmouth - 57 - 6 weeks to 5 yrs.
Fort Story(Army) - 50 - 6 weeks to 5 yrs.
Langley AFB - 145(main), 50(Bethel) - 6 weeks to 5 yrs.
AFSC - 76 - 6 weeks to 5 yrs.

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NS Norfolk - 304 - 6 weeks to 5 yrs.

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

Service	Unit of Measure	Qty
Exchange	SF	0
Gas Station	SF	7,178
Auto Repair	SF	22,270
Auto Parts Store	SF	0
Commissary	SF	0
Mini-Mart	SF	18,522
Package Store	SF	4,019
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	1
Family Service Center	SF	1,600
Laundromat	SF	0
Dry Cleaners	Each	1
ARC	PN	0
Chapel	PN	500
FSC Classrm(U93)/ Auditorium(U40)	PN	1,163
Other	SF	0

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

City	Distance (Miles)
Norfolk	5 miles
Virginia Beach	15 miles
Newport News/Hampton	10 miles

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47. Standard Rate VHA Data for Cost of Living

MONTHLY BASIC ALLOWANCE FOR QUARTERS (BAQ) & VARIABLE HOUSING ALLOWANCE (VHA) FOR 1994 NORFOLK, VIRGINIA BEACH, PORTSMOUTH, CHESAPEAKE							
WITH DEPENDENTS				WITHOUT DEPENDENTS			
RATE	BAQ	VHA	TOTAL	RATE	BAQ	VHA	TOTAL
E1	320.10	127.43	$447.53	E1	179.10	71.30	$250.40
E2	320.10	116.47	$436.57	E2	201.30	73.25	$274.55
E3	336.30	111.42	$447.72	E3	247.80	82.10	$329.90
E4	361.50	139.18	$500.68	E4	252.30	97.14	$349.44
E5	415.50	155.24	$570.74	E5	290.10	108.39	$398.49
E6	462.30	175.73	$638.03	E6	314.70	119.62	$434.32
E7	500.10	191.50	$691.60	E7	347.40	133.03	$480.43
E8	538.50	176.39	$714.89	E8	407.10	133.35	$540.45
E9	584.10	165.28	$749.38	E9	443.40	125.47	$568.87
W1	444.00	281.03	$725.03	W1	337.20	213.43	$550.63
W2	513.30	247.26	$760.56	W2	402.60	193.94	$596.54
W3	558.00	240.16	$798.16	W3	453.60	195.22	$648.82
W4	608.70	176.30	$785.00	W4	539.70	156.31	$696.01
W5	663.90	176.30	$840.20	W5	607.50	156.31	$763.81
O1E	510.00	306.00	$816.00	O1E	378.30	226.98	$605.28
O2E	552.00	251.41	$803.41	O2E	440.10	200.45	$640.55
O3E	611.70	238.87	$850.57	O3E	517.50	202.08	$719.58
O1	434.40	181.59	$615.99	O1	320.10	133.81	$453.91
O2	486.30	186.47	$672.77	O2	380.10	145.75	$525.85
O3	569.40	228.14	$797.54	O3	479.40	192.08	$671.48
O4	687.90	205.30	$893.20	O4	598.20	178.53	$776.73
O5	780.30	222.77	$1,003.07	O5	645.30	184.23	$829.53

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MONTHLY BASIC ALLOWANCE FOR QUARTERS (BAQ) & VARIABLE HOUSING ALLOWANCE (VHA) FOR 1994 NORFOLK, VIRGINIA BEACH, PORTSMOUTH, CHESAPEAKE							
WITH DEPENDENTS				WITHOUT DEPENDENTS			
O6	809.70	228.47	$1,038.17	O6	670.20	189.11	$859.31
O7	899.10	158.54	$1,057.64	O7	730.50	128.81	$859.31

MONTHLY BASIC ALLOWANCE FOR QUARTERS (BAQ) & VARIABLE HOUSING ALLOWANCE (VHA) FOR 1994 HAMPTON, NEWPORT NEWS, & YORKTOWN							
WITH DEPENDENTS				WITHOUT DEPENDENTS			
RATE	BAQ	VHA	TOTAL	RATE	BAQ	VHA	TOTAL
E1	320.10	105.73	$425.83	E1	179.10	59.16	$238.26
E2	320.10	93.00	$413.10	E2	201.30	58.48	$259.78
E3	336.30	87.75	$424.05	E3	247.80	64.66	$326.19
E4	361.50	105.87	$467.37	E4	252.30	73.89	$380.36
E5	415.50	129.27	$544.77	E5	290.10	90.26	$415.00
E6	462.30	147.34	$609.64	E6	314.70	100.30	$480.98
E7	500.10	192.30	$692.40	E7	347.40	133.58	$535.85
E8	538.50	170.31	$708.19	E8	407.10	128.75	$608.52
E9	584.10	217.51	$801.61	E9	443.40	165.12	$608.52
W1	444.00	256.68	$700.68	W1	337.20	194.86	$532.06
W2	513.30	233.10	$746.40	W2	402.60	182.83	$585.43
W3	558.00	200.09	$758.09	W3	453.60	162.66	$616.26
W4	608.70	187.72	$796.42	W4	539.70	166.44	$706.14
W5	663.90	187.72	$851.62	W5	607.50	166.44	$773.94
O1E	510.00	243.67	$753.67	O1E	378.30	180.75	$559.05
O2E	552.00	244.85	$796.85	O2E	440.10	195.22	$635.32
O3E	611.70	289.35	$801.05	O3E	517.50	160.19	$677.69

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MONTHLY BASIC ALLOWANCE FOR QUARTERS (BAQ) & VARIABLE HOUSING ALLOWANCE (VHA) FOR 1994 HAMPTON, NEWPORT NEWS, & YORKTOWN							
WITH DEPENDENTS				WITHOUT DEPENDENTS			
O1	434.40	134.93	$569.33	O1	320.10	99.43	$419.53
O2	486.30	155.28	$641.58	O2	380.10	121.37	$501.47
O3	569.40	199.07	$768.47	O3	479.40	167.61	$647.01
O4	687.90	281.43	$869.33	O4	598.20	157.78	$755.98
O5	780.30	197.44	$977.74	O5	645.30	163.28	$808.58
O6	809.70	188.76	$998.46	O6	670.20	156.24	$826.44
O7	899.10	118.08	$1,017.18	O7	730.50	95.94	$826.44

48.a. Off-base housing rental and purchase

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

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	500	358	Included in rent
Apartment (1-2 Bedroom)	424	380	141
Apartment (3+ Bedroom)	490	350	201
Single Family Home (3 Bedroom)	525	443	213
Single Family Home (4+ Bedroom)	650	578	260
Town House (2 Bedroom)	419	416	130
Town House (3+ Bedroom)	500	425	180
Condominium (2 Bedroom)	416	392	123
Condominium (3+ Bedroom)	500	417	192

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

Type Rental	Percent Occupancy Rate
Efficiency	92.16
Apartment (1-2 Bedroom)	96.00
Apartment (3+ Bedroom)	96.00
Single Family Home (3 Bedroom)	96.00
Single Family Home (4+ Bedroom)	99.00
Town House (2 Bedroom)	92.00
Town House (3+ Bedroom)	92.00
Condominium (2 Bedroom)	88.00
Condominium (3+ Bedroom)	88.00

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	$94,884
Single Family Home (4+ Bedroom)	$117,786
Town House (2 Bedroom)	$67,018
Town House (3+ Bedroom)	$80,438
Condominium (2 Bedroom)	$59,400
Condominium (3+ Bedroom)	$96,900

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48.d. For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January	14	27	4
February	17	26	5
March	20	45	4
April	28	53	9
May	25	49	6
June	49	58	13
July	48	62	8
August	32	69	16
September	56	51	18
October	38	54	12
November	40	61	10
December	37	44	16

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

Location, Number of Bedrooms, Siding type (brick, vinyl, wood), School system, Crime rates, BAQ, VHA alignment with payment amount.

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

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
AO	73	27
AME	28	25
OS	11	26
MM	22	4
BM	19	5

153 97 1,9[illegible]

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

Location	% Employees	Distance (mi)	Time(min)
Norfolk, Va.	46	5	20
Virginia Beach, Va.	36	20	40
Portsmouth, Va.	7	12	30
Suffolk, Va.	1	30	45
Chesapeake, Va.	10	25	40

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51. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the air station (to include any outlying fields) and their dependents:

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

Institution	Type	Grade Level(s) Shown by numbers of schools			Special Education Available[1]	Annual Enrollment Cost per Student[2]	1993 Avg SAT/ ACT Score (SAT total)	% HS Grad to Higher Educ[3]	Source of Info[4]
		elem	mid	high					
Chesapeake, VA	Public	26	7	5	YES	$4,589	831	71%	
Hampton, VA	Public	24	5	4	YES	$4,498	833	74%	5
Norfolk, VA	Public	36	8	5	YES	$5,164	769	64%	6
Portsmouth, VA	Public	16	4	4	YES	$4,712	744	71%	
Suffolk, VA	Public	10	3	2	YES	$4,365	742	44%	7
Virginia Beach, VA	Public	52	14	10	YES	$3,942	889	77%	
Nonpublic Schools:[8]		Grade	Students enrolled & as % of total enrolled in specified Grades 1992						9
Chesapeake, VA	Private	1-8	1,198 (6%)						
Hampton, VA	Private	1-8	982 (6%)						
Norfolk, VA	Private	1-8	2,173 (8%)						
Portsmouth, VA	Private	1-8	878 (6%)						
Suffolk, VA	Private	1-8	650 (6%)						
Virginia Beach, VA	Private	1-8	2,820 (6%)						

[1]Federal law requires accommodation of special needs students. In 1992-93, 2.2% of students in Virginia (22,310 of 1,030,004) were identified with special needs and were accommodated. [Virginia Statistical Series. Projection of Educational Statistics to 2012.

Center of Public Service, University of Virginia, September, 1993]
[2]Figure is the average expenditure per student found in the 1993-94 Fall Membership in Virginia's Public Schools, Virginia Department of Education, Division of Information Systems.
[3]The figure for number of students enrolled in college is not an actual count, but rather is the results of a survey completed by each school system prior to graduation.
[4]Each school system was contacted by the Hampton Roads Planning District Commission for the information.
[5]Published 1992 data is used for Hampton's SAT and % HS grads to higher education.
[6]Published 1992 data is used for Norfolk % HS grads to higher education.
[7]Data for Suffolk City School is for the class of 1992.
[8]Data is provided in aggregate for the private schools in the cities most representative of the host, Norfolk Naval Station. Although the private schools account for a relatively small number of students, they provide opportunities for diversity of educational opportunities. Examples of these include: Norfolk Academy (one of the country's oldest private schools, founded in 1728, emphasizes leadership and college reparation skills); Hebrew Academy (offering Judaic education), and the Chesapeake Bay Academy (offering curriculum aimed at students with learning disabilities and attention to deficit disorders).
[9]"Input Data: Population Estimates" Center for Public Service, University of Virginia, November 24, 1993

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Christopher Newport Univ.	Day	No	No	No	Yes	Yes
	Night	No	No	No	Yes	Yes
College of William and Mary	Day	No	No	No	Yes	Yes
	Night	No	No	No	Yes	Yes
Commonwealth College	Day	No	No	Yes	Yes	No
	Night	No	No	Yes	Yes	No
Eastern Virginia Medical School	Day	No	No	No	No	Yes
	Night	No	No	No	No	Yes
Hampton Univ.	Day	No	No	No	Yes	Yes
	Night	No	No	No	Yes	Yes
Norfolk State Univ.	Day	No	Yes	Yes	Yes	Yes
	Night	No	Yes	Yes	Yes	Yes
Old Dominion Univ.	Day	No	No	No	Yes	Yes
	Night	No	No	No	Yes	Yes
Patrick Henry College	Day	Yes	Yes	Yes	Yes	No
	Night	Yes	Yes	Yes	Yes	No
Regent Univ.	Day	No	No	No	No	Yes
	Night	No	No	No	No	Yes
Thomas Nelson Community College	Day	Yes	Yes	Yes	Yes	No
	Night	Yes	Yes	Yes	Yes	No
Tidewater Community College	Day	Yes	Yes	Yes	Yes	No
	Night	Yes	Yes	Yes	Yes	No
Virginia Wesleyan College	Day	No	No	Yes	Yes	No
	Night	No	No	Yes	Yes	No

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Extension Campuses targeting Hampton Roads Large Military Population						
George Wash. Univ.	Day	No	No	No	No	No
	Night	No	No	No	No	Yes
Southern Illinois Univ	Day	No	No	No	No	No
	Night	No	No	No	Yes	No
St. Leo's College	Day	No	No	Yes	Yes	No
	Night	No	No	Yes	Yes	No

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
American Preparatory Institute	Day	Yes	NO	NO	NO	NO
	Night	Yes	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO
Central Texas College	Day	Yes(basic skills)	NO	NO	NO	NO
	Night	NO	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO
Troy State Univ.	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	NO	Yes
	Corres-pondence	NO	NO	NO	NO	NO
Florida Institute of Technology	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO

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St. Leo College	Day	NO	NO	Yes	Yes	NO
	Night	NO	NO	Yes	Yes	NO
	Corres-pondence	NO	NO	NO	NO	NO
Norfolk State University	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	NO	Yes
	Corres-pondence	NO	NO	NO	NO	NO

52. Spousal Employment Opportunities

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate 5.5%
	1991	1992	1993	
Professional	388	392	347	23%
Manufacturing	50	51	45	3%
Clerical	439	443	393	26%
Service	644	646	576	38%
Other	169	170	151	10%
Total	1690	1702	1512	100%

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

Active Duty Members have and will continue to experience obstacles to Health Care at Branch Medical Clinic, Naval Station, Norfolk.

The Branch Medical Clinic provides medical care for 307 commands and activities. Additionally the clinic provides services as guardship for the waterfront area on a regular basis.

The Branch Clinic currently operates a Military Sick Call clinic on an appointment basis. This was a change from the previous walk-in clinic that fostered and spawned waiting times in excess of four hours. The Military Acute Care Clinic is driven by the Gateway to Care Concept. Patients are routed to this clinic as their symptoms and condition dictates more urgent care. Aviation Medicine Department also has an appointment system. The Physical Examination appointments are opened and filled quickly, limiting access to this service to those who happen to get through when the appointments are available. Physical exams that are short fused and unexpected have to be worked into the system.

In all these internal clinics, the limiting factor to patient access is the health care provider. Appointments are set up based on the number of providers available to see patients on any given day. The total number of patients that a provider can see in an hour or day is limited and based on if the individual is a General Medical Officer (GMO), Nurse Practitioner (NP), Physician Assistant (PA), Independent Duty Corpsman (IDC) or a Corpsman Screener. Due to peer review and the necessity of preceptorship to the PA, IDC and the Corpsman Screener, the GMOs time to see patients is limited. Additionally, the number of individuals that a GMO can be a preceptor to is limited. Therefore, the physician extenders are also limited by the number of GMOs assigned to the clinic.

The Aviation Medicine Department provides sick call to the flight community and physical examinations to flight and non-flight personnel. This department has only one PA assigned from the clinics' assets. The four flight surgeons that see the active duty flight community are assigned to squadrons on the Naval Air Station, Norfolk. They provide 2.5 man days per week, and can be deployed or taken from their clinical duties at the Branch Clinic without warning.

The currently billet authorization and staffing of active duty GMO's in the clinic is as follows:

Military Sick Call	*2*
Military Acute Car	*2*
Aviation Medicine	*0*

The military sick call clinic does have one civil service medical doctor to assist in health care delivery to active duty members.

The Clinic has three active duty Pas and two civil service Pas; one obstetric NP; 10 IDCs; and 3 corpsman screeners.

Patient visits for FY93 are as follows:

Military Sick Call	*34,549*
Aviation Medicine	*62,442*
Military Acute Care	*52,423*
Total Workload Clinic Wide	*257,290*

The Military Sick Call clinic is augmented by a contract Ambulatory Care Contract Clinic. When the military sick call clinic becomes booked, active duty patients are routed through the ambulatory care clinic. This contract clinic provides additional appointments to the active duty population that otherwise would not be able to be cared for. However, when an active duty member fills one of the contract appointments, a dependent or retiree is displaced to the CHAMPUS system. Additionally, the contractor is paid a set fee for each patient seen. This means that the government pays for the active duty member to be seen and pays increased cost in CHAMPUS dollars for the displaced beneficiary. This drives the cost of care above budget levels. The contract clinic saw 28,420 patients in FY93 of which 14,210 were active duty members.

With the limited GMO assets that the Clinic has, the Branch Clinic must be augmented by other Branch Clinic and Fleet GMO assets to staff the Acute Care Clinic after hours and on weekends. The other five Branch Clinics do not operate after 1600 and are closed on weekends because of insufficient GMO assets. This limits the access to care to active duty members after hours at other installations in the area.

The Branch Clinic is also limited by its physical plant. Current space constraints and

design of the building makes it virtually impossible to expand services or increase provider staffing beyond the FY93 Most Efficient Organization (MEO), Efficiency Review (ER).

The study indicated that the clinic needs a total of 11 GMOs to meet the demands of the current patient population. This is seven more than currently onboard and authorized.

The MEO and ER were current and accurate for that one moment in time that the study was conducted. Since then, the proposed decommissioning of three tenders over the next two years and discussion of a pierside clinic will have ramifications on the access to care by the patient population served by the Branch Clinic. The tenders, as other ships, refer those cases that are beyond the medical departments capabilities. The Branch Clinic must brace to absorb these additional patients into an all ready saturated medical delivery system.

Ancillary services that the Clinic provides will be dramatically impacted with the increase in the primary care visits. Currently, the tenders provide the basic ancillary services for themselves, which will be directed to the Branch Clinic when they go away. Laboratory, X-ray, and Pharmacy services will become the limiting factor to care as potential delays in the generation of the necessary lab and x-ray reports and filling of prescriptions could occur. Staffing and to a greater extent financial demands will play a significant role in the health care delivery to the active duty patient.

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

The direct care system is designed to care for the active duty member first and other beneficiaries as Title 10 United States Code indicates. Unfortunately, the branch medical system is stressed by the needs of the active duty population and it forces the dependents out into the CHAMPUS system.

As more active duty personnel utilize the Branch Medical Clinic, Naval Station, Norfolk as the primary site of medical care, the dependents are and will continue to be displaced.

The TRICARE Demonstration Project in Tidewater Virginia, has enhanced the access to health care for the dependent population in the civilian community. The TRICARE service center has established a network of civilian providers from the family practitioner to the specialty provider. There exists a on-line automated system for appointing and a one stop shopping phone number to access this vast network.

Access problems for dependents are a result of displacement from the direct care system by the active duty population and non-use or a reluctance to use the TRICARE network. This is attributed to the out of pocket cost incurred in the CHAMPUS system; the deductible and cost share, as well as the comfort and security that is associated with Navy Medicine.

UIC: 00188

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

Crime Definitions	FY 1991[2]	FY 1992[1]	FY 1993[1]
1. Arson (6A)			
Base Personnel - military		0	5
Base Personnel - civilian		15	3
Off Base Personnel - military		12	5
Off Base Personnel - civilian		N/A	N/A
2. Blackmarket (6C)			
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		N/A	N/A
3. Counterfeiting (6G)			
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		N/A	N/A
4. Postal (6L)			
Base Personnel - military		1	0
Base Personnel - civilian		2	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		N/A	N/A

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Crime Definitions	FY 1991[2]	FY 1992[1]	FY 1993[1]
5. Customs (6M)			
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		N/A	N/A
6. Burglary (6N)			
Base Personnel - military		73	65
Base Personnel - civilian		0	110
Off Base Personnel - military		11	12
Off Base Personnel - civilian		N/A	N/A
7. Larceny - Ordnance (6R)			
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
8. Larceny - Government (6S)			
Base Personnel - military		282	180
Base Personnel - civilian		185	163
Off Base Personnel - military		0	0
Off Base Personnel - civilian		N/A	N/A

UIC: 00188

Crime Definitions	FY 1991[2]	FY 1992[1]	FY 1993[1]
9. Larceny - Personal (6T)			
Base Personnel - military		905	604
Base Personnel - civilian		213	188
Off Base Personnel - military		79	31
Off Base Personnel - civilian		N/A	N/A
10. Wrongful Destruction (6U)			
Base Personnel - military		687	665
Base Personnel - civilian		422	397
Off Base Personnel - military		30	27
Off Base Personnel - civilian		N/A	N/A
11. Larceny - Vehicle (6V)			
Base Personnel - military		117	96
Base Personnel - civilian		28	25
Off Base Personnel - military		3	1
Off Base Personnel - civilian		N/A	N/A
12. Bomb Threat (7B)			
Base Personnel - military		16	9
Base Personnel - civilian		4	1
Off Base Personnel - military		2	0
Off Base Personnel - civilian		N/A	N/A

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Crime Definitions	FY 1991[2]	FY 1992[1]	FY 1993[1]
13. Extortion (7E)			
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		N/A	N/A
14. Assault (7G)			
Base Personnel - military		291	210
Base Personnel - civilian		333	154
Off Base Personnel - military		281	296
Off Base Personnel - civilian		N/A	N/A
15. Death (7H)			
Base Personnel - military		8	3
Base Personnel - civilian		3	5
Off Base Personnel - military		7	4
Off Base Personnel - civilian		N/A	N/A
16. Kidnapping (7K)			
Base Personnel - military		1	0
Base Personnel - civilian		3	1
Off Base Personnel - military		8	1
Off Base Personnel - civilian		N/A	N/A

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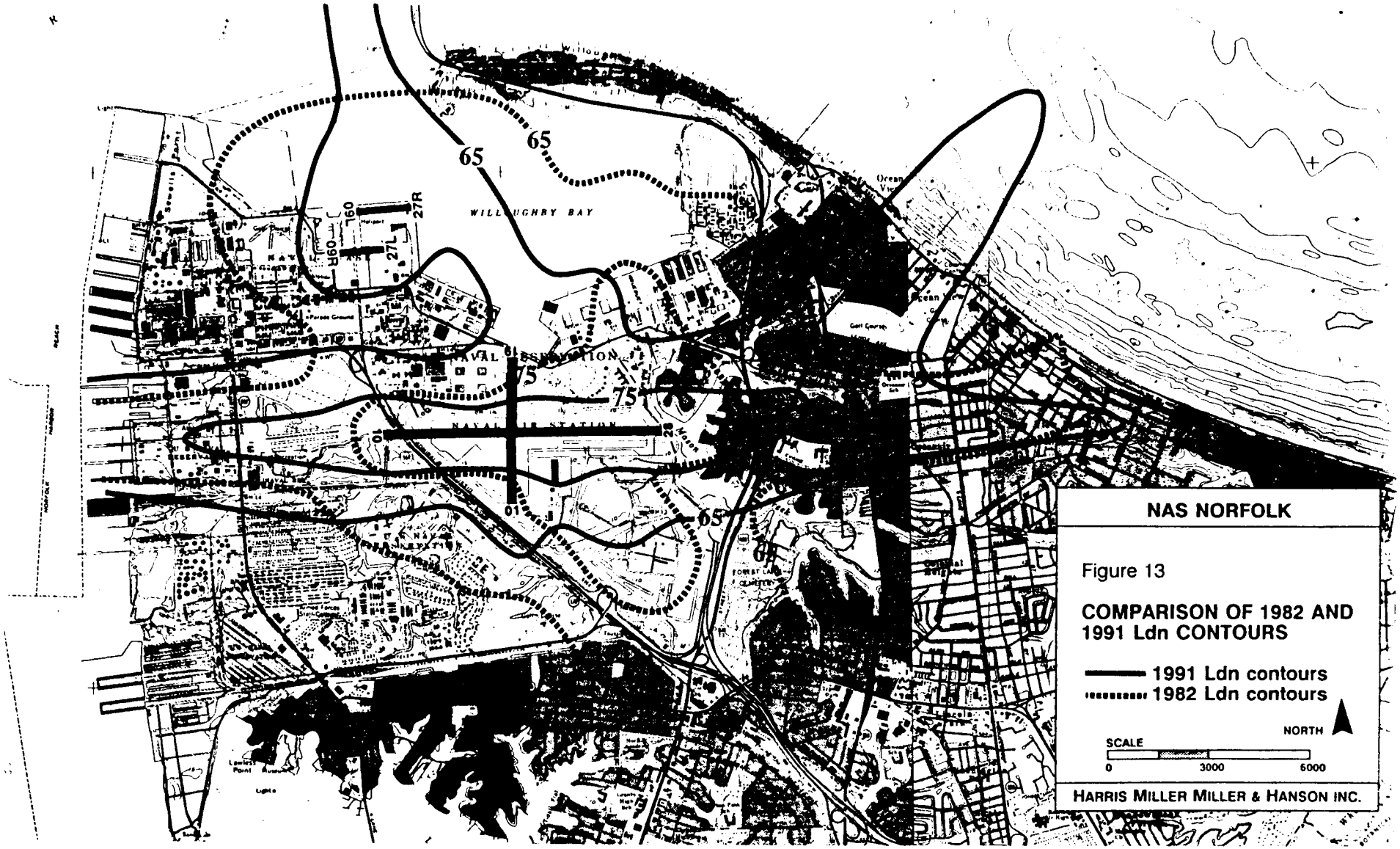
Crime Definitions	FY 1991[2]	FY 1992[1]	FY 1993[1]
18. Narcotics (7N)			
Base Personnel - military		27	52
Base Personnel - civilian		22	31
Off Base Personnel - military		40	30
Off Base Personnel - civilian		N/A	N/A
19. Perjury (7P)			
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		N/A	N/A
20. Robbery (7R)			
Base Personnel - military		31	14
Base Personnel - civilian		10	5
Off Base Personnel - military		8	0
Off Base Personnel - civilian		N/A	N/A
21. Traffic Accident (7T)			
Base Personnel - military		1195	1151
Base Personnel - civilian		544	574
Off Base Personnel - military		245	250
Off Base Personnel - civilian		N/A	N/A

UIC: 00188

Crime Definitions	FY 1991[2]	FY 1992[1]	FY 1993[1]
22. Sex Abuse - Child (8B)			
Base Personnel - military		1	2
Base Personnel - civilian		5	9
Off Base Personnel - military		12	4
Off Base Personnel - civilian		N/A	N/A
23. Indecent Assault (8D)			
Base Personnel - military		4	7
Base Personnel - civilian		9	7
Off Base Personnel - military		72	12
Off Base Personnel - civilian		N/A	N/A
24. Rape (8F)			
Base Personnel - military		8	0
Base Personnel - civilian		11	2
Off Base Personnel - military		14	19
Off Base Personnel - civilian		N/A	N/A
25. Sodomy (8G)			
Base Personnel - military		0	4
Base Personnel - civilian		0	1
Off Base Personnel - military		13	4
Off Base Personnel - civilian		N/A	N/A

[1]*NS includes Ben Morrell, A.C.T. & Carper housing areas.*
[2]*1991 data not maintained.*


65
65
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WILLOUGHBY BAY
NAVAL STATION
NAS NORFOLK
Figure 13
COMPARISON OF 1982 AND 1991 Ldn CONTOURS
1991 Ldn contours
1982 Ldn contours
NORTH
SCALE
0
3000
6000
HARRIS MILLER MILLER & HANSON INC.

DC 38

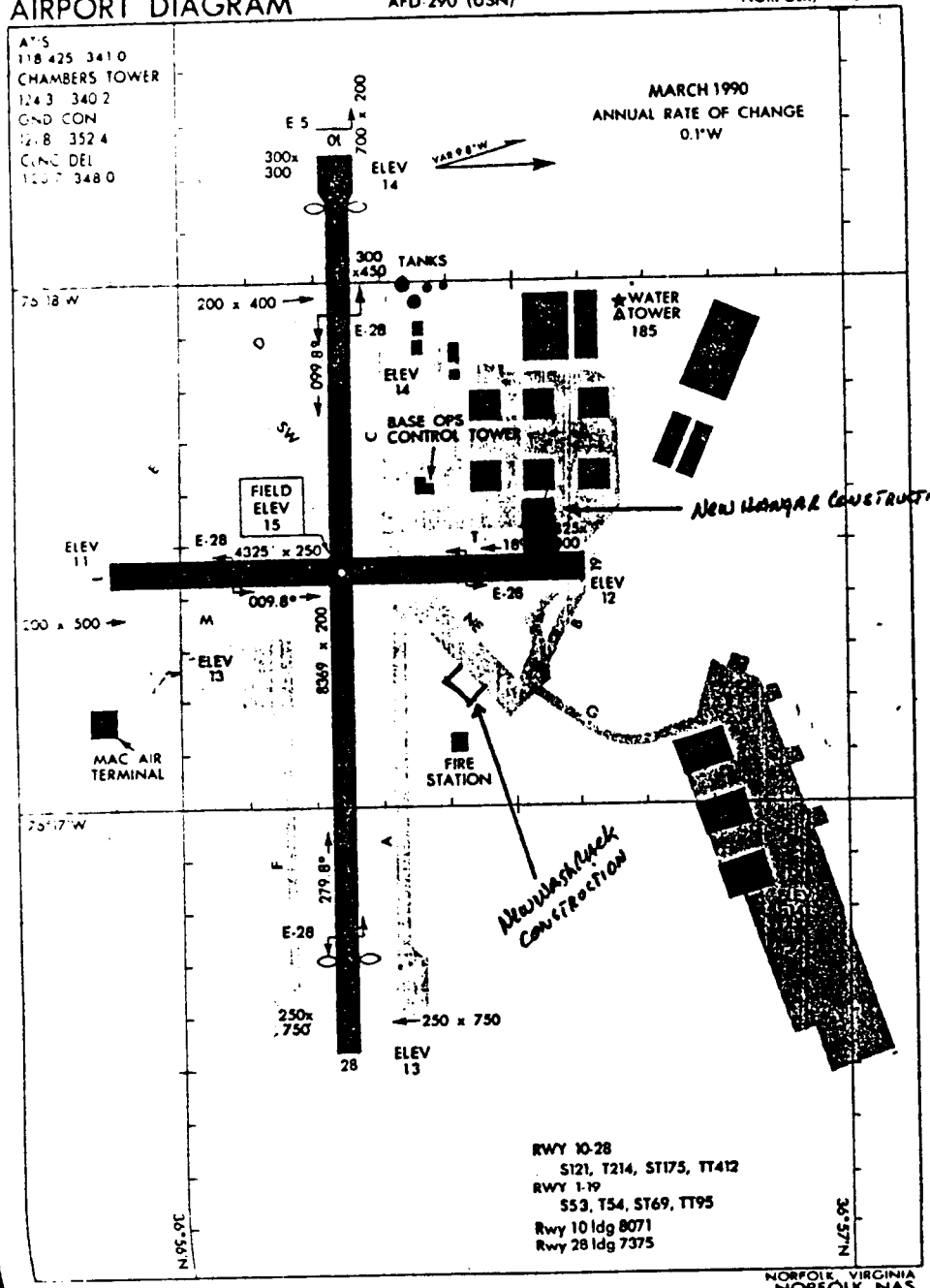
34a.

91122

AIRPORT DIAGRAM

AFD 290 (USN)

NORFOLK NAS
(CHAMBERS FIELD) (KNGU)
NORFOLK, VIRGINIA



AIRPORT DIAGRAM

NORFOLK, VIRGINIA
NORFOLK NAS
(CHAMBERS FIELD) (KNGU)

DC38

question 18

NAVAL AIR STATION NORFOLK UIC N00188
DATA CALL THIRTY-EIGHT

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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

H.W. Gehman Jr
Signature
15 AUG 1994
Date

Acting
Title Commander in Chief
U.S. Atlantic Fleet
Activity

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

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

W. A. EARNER
NAME (Please type or print)

W A Earner
Signature

Title

8/24/94
Date

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

NEXT ECHELON LEVEL (if applicable)

CAPT JAMES L. NORTON
NAME (Please type or print)

Signature

COMMANDER, NAVAL BASE, NORFOLK
Title Acting

6/2/94
Date

NAVAL BASE, NORFOLK
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

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

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

NAME (Please type or print)

Signature

Title

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

L. D. LARUE, CAPT USN
NAME

COMMANDING OFFICER (ACTING) RA 18 MAY 94
~~EXECUTIVE OFFICER~~ for N00SF
Title

Signature

June 2 1994
Date

NAVAL AIR STATION, NORFOLK
Activity

DEPARTMENT OF THE NAVY
COMMANDER IN CHIEF
U.S. ATLANTIC FLEET
1562 MITSCHER AVENUE SUITE 250
NORFOLK, VA. 23551-2487

18 Aug 1994

MEMORANDUM FOR CNO (N44), CDR ANDERS

Subj: NAS NORFOLK DATA CALL 38 CERTIFICATION

Ref: (a) PHONCON P. Murray/CLF BRAC 95 Team and Ms. Karen Pernini (Secretary to CO/NAS Norfolk (CAPT Duckworth)

1. Reference (a) confirmed CAPT Duckworth was TAD 2 June; CAPT Larue was NAS Norfolk Commanding Officer (Acting). Please revise certification sheet: strike out "Executive Officer" and replace with "Commanding Officer, Acting".

V/R

Penny Murray

Penny Murray
CLF BRAC 95 Team Member

OPTIONAL FORM 99 (7 90)

FAX TRANSMITTAL # of pages ▶ 1

To CDR ANDERS	From MURRAY/CLF
Dept./Agency N44	Phone 804-444-0253
Fax # 703-614-7296	Fax # -0730

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

NAS NORFOLK UIC 00188
DATA CALL THIRTY-EIGHT REVISED PGS 7, 10A, 10B, 10C

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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

Signature

Admiral
Title

01 NOV 1994
Date

Commander in Chief
U.S. Atlantic Fleet
Activity

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

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

W. A. EARNER
NAME (Please type or print)

Signature

Title

11/15/94
Date

H

DATA CALL 66 UIC: 00188
INSTALLATION RESOURCES

Activity Information:

Activity Name:	NAVAL AIR STATION, Norfolk
UIC:	00188
Host Activity Name (if response is for a tenant activity):	Naval Air Station, Norfolk (Class II) COMNAVBASE Norfolk (Class I)
Host Activity UIC:	00188/61463

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: NAVAL AIR STATION, Norfolk | **UIC: 00188**

Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	8915	1489	10404
1b. Minor Construction	10		10
1c. Sub-total 1a. and 1b.	8925	1489	10414
2. Other Base Operating Support Costs:			
2a. Utilities	10068		10068
2b. Transportation	839		839
2c. Environmental	27956		27956
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	3355	1119	4474
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	122	1840	1962
2j. Other (Specify)[1]	7274	18988	26262
2k. Sub-total 2a. through 2j:	49614	21947	71561
3. Grand Total (sum of 1c. and 2k.):	58539	23436	81975

[1] Other: Retail Supply, Physical Security, Other Base Operations, FECA, Base Communications.

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	65762
MPN	16213

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: 00188
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NA; Not a DBOF Activity		UIC: 00188	
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: NAVAL AIR STATION, Norfolk	UIC: 00188
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	312
Material and Supplies (including equipment):	27307
Industrial Fund Purchases (other DBOF purchases):	20022
Transportation:	0
Other Purchases (Contract support, etc.):	10898
Total:	58539

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: NAVAL AIR STATION, Norfolk	**UIC: 00188**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction: ROICC	
Facilities Support:	
Mission Support: Chaplain, Warehousing, Refueling, MERT Augmentation, Messman Contract and NALCOMIS OPS	114
Procurement:	
Other:*	
Total Workyears:	114

*** 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)): -0-

2) Estimated number of workyears which would be eliminated: 114

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-

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.)
7	Technical/Administrative

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

BRAC-95 CERTIFICATION

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

E. L. DUCKWORTH, CAPT, USN
NAME

SIGNATURE

12 JUL 1994
DATE

DIVISION

(804) 445-8595, Ext 329
PHONE

COMMANDING OFFICER
DEPARTMENT

NAVAL AIR STATION, NORFOLK
ACTIVITY

ORIGINAL

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

NEXT ECHELON LEVEL (if applicable)

RADM PAUL D. MOSES
NAME (Please type or print)

Signature

COMMANDER, NAVAL BASE, NORFOLK
Title

Date

NAVAL BASE, NORFOLK
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

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

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

NAME (Please type or print)

Signature

Title

Date

NAS NORFOLK UIC N00188
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)

J. B. GREENE, JR.
NAME (Please type or print)

J.B. Greene Jr.
Signature

ACTING
Title

22 AUG 1994
Date

4

DATA CALL 66 UIC: 68845
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Human Resources Office, Norfolk
UIC:	68845
Host Activity Name (if response is for a tenant activity):	Naval Air Station, Norfolk
Host Activity UIC:	00188

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 UIC: 68845
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Human Resources Office, Norfolk		UIC: 68845	
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	51		51
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	220	3127	3347
2j. Other (Specify) FECA Payment Refuse Collection Communications Cost	0	0	0
2k. Sub-total 2a. through 2j:	271	3127	3398
3. Grand Total (sum of 1c. and 2k.):	271	3127	3398

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)
NA; all O&MN appropriation	

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

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: HRO Norfolk; N/A; Not a DBOF Activity		**UIC: 68845**	
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: Human Resources Office, Norfolk	UIC: 68845
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	15
Material and Supplies (including equipment):	0
Industrial Fund Purchases (other DBOF purchases):	59
Transportation:	0
Other Purchases (Contract support, etc.):	197
Total:	271

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: Human Resources Office, Norfolk	**UIC: 68845**
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)):

NA; no contract workyears

2) Estimated number of workyears which would be eliminated:

NA; no contract workyears

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

NA; no contract workyears

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above)**: No.

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

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

DATA CALL 66 **UIC: 68845**
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Human Resources Office, Norfolk (Satellite Office)
UIC:	68845
Host Activity Name (if response is for a tenant activity):	Naval Air Station, Oceana
Host Activity UIC:	60191

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 UIC: 68845
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Human Resources Office, Norfolk		UIC: 68845	
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	27		27
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	15	524	539
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:	42	524	566
3. Grand Total (sum of 1c. and 2k.):	42	524	566

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)
NA; all O&MN appropriation	

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

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: Human Resources Office, Norfolk; N/A Not a DBOF Activity		**UIC: 68845**	
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: Human Resources Office, Norfolk	UIC: 68845
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	3
Material and Supplies (including equipment):	0
Industrial Fund Purchases (other DBOF purchases):	27
Transportation:	0
Other Purchases (Contract support, etc.):	12
Total:	42

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: Human Resources Office, Norfolk	**UIC: 68845**
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)):

NA; no contract workyears

2) Estimated number of workyears which would be eliminated:

NA; no contract workyears

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

NA; no contract workyears

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above)**: No.

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

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

DATA CALL 66 UIC: 68845
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Human Resources Office, Norfolk (Satellite Office)
UIC:	68845
Host Activity Name (if response is for a tenant activity):	Naval Amphibious Base, Little Creek
Host Activity UIC:	61414

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: Human Resources Office, Norfolk	**UIC: 68845**

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	22		22
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	5	190	195
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:	27	190	217
3. Grand Total (sum of 1c. and 2k.):	27	190	217

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)
NA; all O&MN appropriation	

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

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: Human Resources Office, Norfolk; N/A Not a DBOF Activity		**UIC:** 68845	
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: Human Resources Office, Norfolk	UIC: 68845
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	1
Material and Supplies (including equipment):	0
Industrial Fund Purchases (other DBOF purchases):	22
Transportation:	0
Other Purchases (Contract support, etc.):	4
Total:	27

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: Human Resources Office, Norfolk	**UIC: 68845**
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	

HRO NORFOLK UIC N68845
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)

J. B. GREENE, JR.
NAME (Please type or print)

J.B. Greene Jr.
Signature

ACTING
Title

22 AUG 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

G.W. Wooten
NAME (Please type or print)

G W Wooten
Signature

Director
Title

12 July 1994
Date

Human Resources Office, Norfolk
Activity

4

DATA CALL 65 UIC: 00188

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Activity Name:	NAVAL AIR STATION, NORFOLK
UIC:	00188
Major Claimant:	CINCLANTFLT

General Instructions/Background:

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

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

DATA CALL 65 UIC: 00188

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

General Instructions/Background (Continued):

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

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

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

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

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

1. Workforce Data

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

Average Appropriated Fund Civilian Salary Rate:	$31,085

Source of Data (1.a. Salary Rate): FY96/97 NAVCOMPT BUDGET SUBMISSION

DATA CALL 65 UIC: 00188

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
NORFOLK	VA	3245	555	38.2	7	15
VA BEACH	VA	3610	617	42.5	21	32
CHESAPEAKE	VA	654	112	7.7	22	34
HAMPTON	VA	365	62	4.3	17	30
NEWPORT NEWS	VA	204	35	2.4	23	34
PORTSMOUTH	VA	170	29	2.0	16	30
OTHER	VA	221	38	2.6	30	45
OTHER	NC	25	4	.3	54	69
				= 100%		

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

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:

Government housing is available in the cities of Norfolk, Portsmouth, Virginia Beach and Newport News, VA.

Source of Data (1.b. 1) & 2) Residence Data): DATA COLLECTION, BASE STRUCTURE ANNEX REPORT (OCT 93) & HUMAN RESOURCES OFFICE, NORFOLK

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)
NORFOLK	NA	7.9
PORTSMOUTH	NA	10.4
CHESAPEAKE	NA	16.3
VA BEACH	NA	13.3
HAMPTON	NA	20
NEWPORT NEWS	NA	20

Source of Data (1.c. Metro Areas): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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	29	2.0
20 - 24 Years	20	1.4
25 - 34 Years	171	11.8
35 - 44 Years	452	31.1
45 - 54 Years	507	34.9
55 - 64 Years	254	17.5
65 or Older	19	1.3
TOTAL	1452	100 %

Source of Data (1.d.) Age Data): BASE STRUCTURE ANNEX REPORT (OCT 93) & HUMAN RESOURCES OFFICE, NORFOLK

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	0.0
9th through 11th Grade	42	2.9
12th Grade or High School Equivalency	756	52.1
1-3 Years of College	325	22.4
4 Years of College (Bachelors Degree)	243	16.7
5 or More Years of College (Graduate Work)	86	5.9
TOTAL	1452	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.)	41
Associate Degree	64
Bachelor Degree	243
Masters Degree	53
Doctorate	5

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): HUMAN RESOURCES OFFICE, NORFOLK

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	0.0
2. **Construction** (includes facility maintenance and repair)	15-17	6	0.0
3. **Manufacturing** (includes Intermediate and Depot level maintenance)	20-39	0	0
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0.0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0.0
3c. Ships	3731	0	0.0
3d. Other Transportation (includes ground vehicles)	various	0	0.0

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0.0
Sub-Total 3a. through 3e.	20-39	0	0.0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0.0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	25	1.7
4c. Water Transportation (includes organizational level maintenance)	44	0	0.0
4d. Air Transportation (includes organizational level maintenance)	45	32	2.2
4e. Other Transportation Services (includes organizational level maintenance)	47	4	.3
4f. Communications	48	32	2.2
4g. Utilities	49	0	0.0
Sub-Total 4a. through 4g.	40-49	93	6.4
5. Services	70-89		
5a. Lodging Services	70	1	.1
5b. Personal Services (includes laundry and funeral services)	72	11	.7
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	124	8.5
5d. Automotive Repair and Services	75	0	0.0
5e. Other Misc. Repair Services	76	107	7.4

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5f. Motion Pictures	78	0	0.0
5g. Amusement and Recreation Services	79	0	0.0
5h. Health Services	80	55	3.8
5i. Legal Services	81	7	.5
5j. Educational Services	82	26	1.8
5k. Social Services	83	0	0.0
5l. Museums	84	0	0.0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	109	7.5
5n. Other Misc. Services	89	305	21.0
Sub-Total 5a. through 5n.:	70-89	745	51.3
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	492	33.9
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	19	1.3
6c. Public Finance	93	97	6.7
6d. Environmental Quality and Housing Programs	95	0	0.0
Sub-Total 6a. through 6d.	-----	608	41.9
TOTAL	-----	1452	100 %

Source of Data (1.f.) Classification By Industry Data): HUMAN RESOURCES OFFICE, NORFOLK & BASE STRUCTURE ANNEX REPORT (OCT 93)

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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	428	29.5
2. Professional Specialty		
2a. Engineers	7	.5
2b. Architects and Surveyors	1	.1
2c. Computer, Mathematical & Operations Research	4	.3
2d. Life Scientists	0	0.0
2e. Physical Scientists	0	0.0
2f. Lawyers and Judges	0	0.0
2g. Social Scientists & Urban Planners	0	0.0
2h. Social & Recreation Workers	0	0.0
2i. Religious Workers	0	0.0
2j. Teachers, Librarians & Counselors	0	0.0
2k. Health Diagnosing Practitioners (Doctors)	0	0.0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0.0

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2m. Communications	13	.9
2n. Visual Arts	23	1.6
Sub-Total 2a. through 2n.:	48	3.4
3. Technicians and Related Support		
3a. Health Technologists and Technicians	71	4.8
3b. Other Technologists	269	18.5
Sub-Total 3a. and 3b.:	340	23.3
4. Administrative Support & Clerical	508	35.0
5. Services		
5a. Protective Services (includes guards, firefighters, police)	7	.5
5b. Food Preparation & Service	0	0.0
5c. Dental/Medical Assistants/Aides	0	0.0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)		
Sub-Total 5a. through 5d.	7	.5
6. Agricultural, Forestry & Fishing	0	0.0
7. Mechanics, Installers and Repairers	101	6.9
8. Construction Trades	0	0.0
9. Production Occupations	1	.1
10. Transportation & Material Moving	15	1.0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	4	.3
TOTAL	1452	100 %

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.g.) Classification By Occupation Data): HUMAN RESOURCES OFFICE, NORFOLK

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

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.**Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Bus drivers; material moving equipment operators; rail transportation occupations; truck drivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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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:	61.0
2. Percentage of Military Spouses Who Work Outside of the Home:	48.0
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:	4.5
3b. Employed "On-Base" - Non-Appropriated Fund:	2.7
3c. Employed "Off-Base" - Federal Employment:	4.3
3d. Employed "Off-Base" - Other Than Federal Employment	88.5

Source of Data (1.h.) Spouse Employment Data): SURVEY OF NAS NORFOLK DEPARTMENTS, TENANTS, AND NAFI PERSONNEL OFFICE, NORFOLK

DATA CALL 65 UIC: 00188

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.

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

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

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.

There were no "C" ratings assigned to any of the infrastructure categories.

Source of Data (2.a. 1) & 2) - Local Community Table): HAMPTON ROADS PLANNING DISTRICT COMMISSION

DATA CALL 65 UIC: 00188

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

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

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.

There were no "C" ratings assigned to any of the infrastructure categories.

Source of Data (2.b. 1) & 2) - Regional Table): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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:

NUMBER OF BEDROOMS	VACANT UNITS FOR RENT	VACANCY RATE (%)
1	4,254	9.4
2	11,884	11.4
3	3,208	6.2
4+	107	0.9
TOTAL	19,453	10.0

Units for Sale:

CITY	VACANT UNITS SALE	VACANCY RATE (%)
VIRGINIA BEACH	5,043	3.3
NORFOLK	5,862	6.2
PORTSMOUTH	2,292	5.5
CHESAPEAKE	1,552	2.4
NEWPORT NEWS	3,340	4.6
HAMPTON	2,099	3.5
WILLIAMSBURG	766	3.7
TOTAL	20,954	4.5

Source of Data (3.a. Off-Base Housing): FOR RENTAL UNITS, METRO MARKET TREND INC. AND UNITS FOR SALE, 1993/1994 HUD HOUSING SURVEY

DATA CALL 65 UIC: 00188

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

b. **Education.**

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

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
VIRGINIA BEACH		53	11	10	74,880	[1]	20.0	25	YES
NORFOLK		35	8	5	36,000	[1]	20.7	25	YES
CHESAPEAKE		26	7	5	33,182	[1]	21.0	25	NO
PORTSMOUTH		16	4	4	17,921	[1]	23.0	25	YES
NEWPORT NEWS		25	7	4	31,894	[1]	19.1	25	YES
HAMPTON		24	5	4	22,991	[1]	19.6	25	YES
OTHER		33	12	8	35,337	[1]	19.3	25	YES

[1]THIS FIGURE IS UNAVAILABLE BECAUSE CAPACITY FLUCTUATES DUE TO THE FOLLOWING:

1. MOBILE TRAILERS CAN BE USED FOR CLASSROOMS IF A SCHOOL NEEDS ADDITIONAL CAPACITY
2. SOME SCHOOLS ARE CURRENTLY BEING RENOVATED OR ADDITIONS ARE UNDER CONSTRUCTION
3. RECONFIGURATIONS, RESCHEDULING, AND REDISTRICTING ARE ALL POSSIBLE SOLUTIONS FOR SCHOOL SYSTEMS IF ADDITIONAL SPACE IS NEEDED
4. CLASSROOM SIZES VARY ACCORDING TO THE NEEDS OF THE STUDENTS. (EX: IF ADDITIONAL SPECIAL EDUCATION STUDENTS ARE REGISTERED, THE CAPACITY CAN DECREASE DUE TO THE STATE REQUIREMENT OF SMALLER PUPIL TO TEACHER RATIOS FOR SPECIAL EDUCATION STUDENTS.

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

Source of Data (3.b.1) Education Table): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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

NO. THERE ARE NO ON-BASE SCHOOLS.

DATA CALL 65 UIC: 00188

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (3.b.2) On-Base Schools): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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 :

Institution Name	Certificate	Assoc Degree	Bach Degree	Grad Degree
College of William and Mary	No	No	Yes	Yes
Christopher Newport	No	No	Yes	Yes
Old Dominion University	No	No	Yes	Yes
Norfolk State	No	No	Yes	Yes
Thomas Nelson Community	Yes	Yes	No	No
Commonwealth College	No	Yes	No	No
Eastern Virginia Medical	No	No	No	Yes
Hampton University	No	No	Yes	Yes
Virginia Wesleyan College	No	No	Yes	Yes
Tidewater Community College	Yes	Yes	Yes	Yes

Source of Data (3.b.3) Colleges): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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:

Vocational/Technical Training Schools	Major Curriculums
Advanced Technology, Inc.	A/C, Refrigerator, Automotive
Automotive Training Institute	Auto Repair
Career Development Institute	Medical Services, Computer Repair, Computer Administration
Charm Associates, Inc.	Business Etiquette, Makeup Artistry, Fashion, Modeling
CompTrain	Computer Technology

DATA CALL 65 UIC: 00188

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Vocational/Technical Training Schools	Major Curriculums
Computer Dynamics, Inc.	Computer Technology
Dalfort Aircraft Tech	Aircraft Maintenance Technician
Eastern School of Technology	Nurse's Aid, Dental Asst.
Electronic Computer Programming Institute	Computer Programming, Computer Electronics, Computer Specialist Accounting, Word Processing, Medical
Gibson World Travel School	Travel Agent
ITT Employment & Training Systems	Electronics Engineering, Computer Aid Drafting Tech, Occupational Science
Jenkins Barber College	Barber Training
Johnson and Wales College	Culinary Arts
Kee Business College	Accounting Specialist, Business Administration, Secretarial, Computer Administration, Word Processing
Paralegal Institute of America	Paralegal Training
Pruden Vo-Tech Center	Legal, Office Procedures, Medical Office Procedures, Welding, Auto Mechanics, Geriatric Nurse's Aid, Computer Operations, Electronics, Electricity, Carpentry, Masonry, Bricklaying
Norfolk School of Boat Building	Boat Building
Rice Aviation Aircraft	Aircraft Technician
Reporting Academy of Va., LTD	Court Reporting
Tidewater Builders Association	Carpentry, Electricity, Plumbing, Heating & A/C, Apartment Management
Tidewater Maritime Training Institute	Radar Courses, Master/Mate Courses, Chief/Assistant Engineer, Tankerman
Tidewater School of Navigation	Navigator Training
Tidewater Tech	Electronics, Computers, Nursing

Vocational/Technical Training Schools	Major Curriculums
Tri-State Semi-Driver Training, Inc.	Truck Driving
Virginia Beach Beauty Academy	Beautician, Cosmetologist, Nail Technician
Virginia School of Polygraph	Polygraph Operation and Testing
Wards Corner Beauty Academy	Beautician, Cosmetologist, Nail Technician

Source of Data (3.b.4) Vo-tech Training): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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): HAMPTON ROADS PLANNING DISTRICT COMMISSION

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.

AMTRAK 9304 WARWICK BLVD NEWPORT NEWS - 10 MILES

Source of Data (3.c.2) Transportation): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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.

NORFOLK INTERNATIONAL AIRPORT - 8 MILES

Source of Data (3.c.3) Transportation): HAMPTON ROADS PLANNING DISTRICT COMMISSION

4) How many carriers are available at this airport?

THERE ARE 8 CARRIERS WHICH SERVICE THIS AIRPORT. THEY ARE AMERICAN AIRLINES, CONTINENTAL AIRLINES, DELTA AIRLINES, NORTHWEST AIRLINES, TRANSWORLD AIRLINES, US AIR, UNITED AIRLINES, AND SOUTHEAST AIRLINES.

Source of Data (3.c.4) Transportation): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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

INTERSTATE 564 - 0 MILES

Source of Data (3.c.5) Transportation): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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.)

Access to the activity is via I-64 and I-564, International Terminal and Hampton Blvd. These routes provide excellent access to the facility. In 1993, HOV lanes on I-64 were completed at a cost of $120,000,000.

b) Do access roads transit residential neighborhoods?

The only access road to transit residential neighborhoods is Hampton Blvd

c) Are there any easements that preclude expansion of the access road system?

No

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)?

No

Source of Data (3.c.6) Transportation): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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.

Commander, Naval Base, Norfolk has a written mutual aid firefighting assistance agreement with the City of Norfolk. The agreement indicates that the base or the city will respond personnel and equipment to requests for firefighting assistance from either party.

Commander, Naval Base, Norfolk is the predesignated Navy On-Scene Coordinator for coordinating all Navy oil and hazardous discharge response capability, including both the Naval Station and Naval Air Station, Norfolk. Accordingly, Commander, Naval Base, Norfolk has a written Mutual Aid Firefighting Assistance Agreement with the City of Norfolk. The agreement indicates that the base, or the city, will respond with personnel and equipment to requests for firefighting or hazardous substance release assistance from either party. Commander, Naval Base, Norfolk has also promulgated the Area Oil and Hazardous Substance Pollution Contingency Plan (COMNAVBASE NORVA INST 6280 series) covering all installations in Hampton Roads. This instruction, along with Public Works Center Norfolk Hazardous Material/Hazardous Waste Spill Contingency Plan (PWC NORVA INST 6270 series), provide a comprehensive response plan to releases of hazardous materials or wastes at either the Naval Station or Naval Air Station. These plans have been provided to local and area support service agencies such as the Virginia Department of Environmental Quality, Norfolk City Fire Department and the U.S. Coast Guard. Furthermore, Naval Station and Naval Air Station, Norfolk have access to U.S. Coast Guard Basic Ordering Agreements, which provide a mechanism for rapidly contracting for private spill response services, if necessary. Additional coordination of support is accomplished through the Tidewater Area Hazardous Materials Council, of which Commander, Naval Base, Norfolk is a member. The City of Norfolk and the Virginia Department of Emergency Services have previously responded to the base for assistance.

Source of Data (3.d. Fire/Hazmat): NAVAL STATION, NORFOLK

e. **Police Protection.**

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

Concurrent 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.

N/A

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

No, however a memorandum of understanding between the City of Norfolk and Commander, Naval Base, Norfolk is in place to provide juvenile protection services.

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): COMMANDER, NAVAL BASE, NORFOLK

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.

While monitored as an individual account, this activity is supplied with water by the City of Norfolk under a general contract between the Navy and the City of Norfolk. The current contract which is being renegotiate includes a reserve capacity of an undisclosed amount to accommodate increased demand across all activities serviced under the Navy contract.

The activity has sewer lines connected directly to the Hampton Roads Sanitation Department (HRSD) sewer system. The activity treats and discharges industrial wastewater, and domestic sewage, pursuant to the terms of a HRSD permit issued to Public Works Center, Norfolk, for the entire Naval Base, Norfolk complex, including the Naval Air Station. Wastewater is treated at the HRSD Army Base Treatment Plant, which has capacity available for increased flow. Increases may require a separate agreement with HRSD, or the City of Norfolk, if the city's sewer lines are impacted. Increases may also require permit modification and approval by HRSD.

COMNAVBASE Norfolk has a refuse disposal agreement with SPSA. Collection and delivery is handled by the activity.

The activity receives electricity under a blanket contract negotiated with GSA.

The activity purchases natural gas from Virginia Natural Gas under a 1940s Navy purchase agreement which is based on a general rate structure and not minimum/maximum quantities.

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.

The City of Norfolk has never required this activity to implement water conservation restrictions, however, the Navy has self-imposed restrictions to curtail unnecessary water use during drought periods. There has been no interruptions in service delivery except for routine system maintenance and repair.

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.

There are no known significant disruptions in utility service at this facility.

Source of Data (3.f. 1) - 3) Utilities): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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. COMNAVBASE Norfolk, NAS Norfolk, NAVSTA Norfolk	National Defense	60,000
2. Newport News Shipbuilding and Drydock Company	Shipbuilding/Repair	20,750
3. Fort Eustis	National Defense	14,583
4. NASA Langley Research Center	Aviation/Space	11,600
5. Naval Amphibious Base Little Creek	National Defense	11,029
6. Naval Air Station, Oceana	National Defense	10,200
7. SENTARA Health Systems	Health Care	9,258
8. VA Beach Public Schools	Education	8,200
9. Norfolk Naval Shipyard	Ship Repair	7,706
10. Farm Fresh, Inc.	Grocery Chain	5,943

Source of Data (4. Business Profile): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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

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:
The region has lost few major employers within the past five years. However, the Jonathan Corporation has been forced into foreclosure by a fall off in its defense business. Defense cuts have significantly impacted the area and caused defense contractors to cut back on the number of their workers. The Newport News Shipbuilding and Drydock Company has reduced its workforce from over 30,000 a few years ago to just over 20,000 today with a target employment level of 15,000 by 1996. Some 4,000 jobs have also been lost at the Norfolk Naval Shipyard. Small contractors and subcontractors have also reduced their employment levels.

b. Introduction of New Businesses/Technologies:
CIGNA and USAA have recently located service centers within the area as have QVC and Lillian Vernon. CEBAF, an electronic beam accelerator, has been under construction for the past several years and will begin operations in 1994. Canon USA has also opened a facility for producing copiers.

c. Natural Disasters:
In the past five years, there have not been any natural disasters in the Norfolk, Virginia Beach, Newport News area which have negatively impacted the regional economy.

d. Overall Economic Trends:
Defense cuts continue to hamper the regional economy. Employment growth rates were in the 4 to 7 percent per year range in the mid-1980s and are today in the .5 to 1.5 percent range. Further defense downsizing will continue to hold down growth rates and elevate the unemployment rate. The region's population continues to expand along with the associated residential construction. The regional tax base has expanded accordingly with higher levels of retial sales, personal property and real estate taxes collected. Finally, the region is growing short of water, and this has forced growth to shift to the west into Chesapeake and Suffolk and out of Virginia Beach in recent years. This growth shift is anticipated to continue. Should the region be delayed in acquiring new water supply sources, regional growth rates will deteriorate from current levels.

Source of Data (5. Other Socio/Econ): HAMPTON ROADS PLANNING DISTRICT COMMISSION

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

NAS Norfolk personnel are active in the community in several areas. Personnel volunteer their time/efforts on an individual basis and also in command programs. The command supports the Clean the Bay Day, Adopt-A-Spot Program, Boy Scouts, Sea Cadets, Partners in Education Program, Day of Caring, NAS Norfolk Little League, Holiday Assistance Program, International Azalea Festival Air Show, Veterans Hospital, Food Bank, and Recycling. Other areas of community involvement includes the Ocean View Services Improvement Project Team, nonprofit organizations, Combined Federal Campaign (United Way), Navy Relief, Autocross Car and Truck Show (veterans) and school tours.

Source of Data (6. Other):f NAS NORFOLK COMMAND FILES

NAVAL AIR STATION NORFOLK UIC N00188
DATA CALL SIXTY-FIVE

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

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 19[illegible]
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)

J. B. GREENE, JR.
NAME (Please type or print)

J B Greene Jr
Signature

ACTING
Title

22 AUG 1994
Date

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

NEXT ECHELON LEVEL (if applicable)

CAPT R. C. BERNING
NAME (Please type or print)

COMMANDER, NAVAL BASE, NORFOLK
Title Acting

NAVAL BASE, NORFOLK
Activity

R C Berning
Signature

11 July 1994
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

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

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

NAME (Please type or print)

Signature

Title

Date

BRAC-95 CERTIFICATION

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

L. D. LARUE, CAPT, USN
NAME

COMMANDING OFFICER (ACTING)
NAVAL AIR STATION, NORFOLK

SIGNATURE

7/8/94
DATE

DIVISION

444-8509 EXT 305
PHONE

DEPARTMENT

ACTIVITY

4

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	J0INT DOCTRINE CENTER
UIC:	47344
Host Activity Name (if response is for a tenant activity):	NAVAL AIR STATION NORFOLK
Host Activity UIC:	00188

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: JOINT DOCTRINE CENTER		UIC: 47344	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	9		9
1b. Minor Construction			
1c. Sub-total 1a. and 1b.	9		9
2. Other Base Operating Support Costs:			
2a. Utilities	18		18
2b. Transportation	4		4
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:	22		22
3. Grand Total (sum of 1c. and 2k.):	31		31

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)
O&M,N	$31

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: JOINT DOCTRINE COMMAND		**UIC:** 47344	
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.) :	000		000

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: JOINT DOCTRINE COMMAND	**UIC: 47344**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	160
Material and Supplies (including equipment):	87
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	2
Other Purchases (Contract support, etc.):	35
Total:	284

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: JOINT DOCTRINE COMMAND	**UIC:** 47344
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	000

* **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.? N/A

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)):

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

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

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

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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

Signature

Director
Title

7/28/94
Date

Field Support Activity
Activity

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

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

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

16 AUG 1994
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**NORFOLK VA NAS**
Unit Identification Code (UIC):	**N00188** #4
Major Claimant:	**LANTFLT**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1999	521	AIRCRAFT MAINT HANGAR	MCON	11,700
1999	731	ENLISTED MESS HALL	MCON	1,600
		Sub-Total - 1999		**13,300**
2000	280	AIMD REPLACE (PH I)	MCON	4,517
2000	522	AIRCRFT MNT HANGAR	MCON	15,692
		Sub-Total - 2000		**20,209**
2001	281	AIMD COMPLEX REP PH I	MCON	14,682
2001	514	COMB STRUC/AC FIRE/RES STA	MCON	2,020
2001	523	ACFT MAINT HANGAR	MCON	9,934
		Sub-Total - 2001		**26,636**
		Grand Total		**60,145**

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

4

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	NAS Norfolk
Unit Identification Code (UIC):	N00188
Major Claimant:	CINCLANTFLT

Percentage of Military Families Living On-Base:	9.63%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	$420.5
Total Number of Officer Housing Units:	2
Total Number of Enlisted Housing Units:	47

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.

The number of officer and enlisted units reflected above are this activity's share of the family housing assets in the total survey complex, based on data extracted from the FY96 Family Housing Survey (DD Form 1377) and the Current Personnel Summary. These units are not necessarily located at this particular activity. If this activity were to close, the housing assets could still be utilized by other activities located in the survey 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)

Jack Buffington
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)

W A Earner
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 these 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

THOMAS A. DAMES
NAME (Please type of print)

Rear Admiral, CEC, USN
Title

LANTNAVFACENGCOM
Activity

J.B. Venable
Signature J.B. VENABLE
Acting

JUL 06 1994
Date

ENCLOSURE(2)

BRAC-95 CERTIFICATION

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

Paulette C. Brown
Name (Please type or print)

for J. R. Lindstaff
Signature

Head, Operations & Projects Branch
Title

7-6-94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

J. Richard Grindstaff
Name (Please type or print)

J. Richard Grindstaff
Signature

Head, Requirements & Acquisition Branch
Title

7-6-95
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

Mark D. Raker
Name (Please type or print)

Mark D. Raker
Signature

Housing Management Specialist
Title

7/6/94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

for Moses L. Meadows
Name (Please type or print)

for J. Richard Grindstaff
Signature

Director
Title

7-6-99
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

Document Separator

Activity Information: 4

91732 NAVOSH AND ENVIRONMENTAL TRAINING CENTER
NAS NORFOLK VA

General Instructions/Background.

1. Base Operating Support (BOS) Cost Data.

See Page 2A. Rod Forlin CWO3 N-443C 7/21/94

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

Leave shaded areas of table blank.

DATA CALL 66
INSTALLATION RESOURCES

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

Activity Name: NAVOSH ENV TRA CEN UIC: 91732

Category

1. Real Property Maintenance Costs: N/A

1c. Sub-total 1a. and 1b.
2. Other Base Operating Support Costs:

2k. Sub-total 2a. through 2j:
3. Grand Total (sum of 1c. and 2k.):

1500

BOS $ 4X3 MISSION $ 1087 TOTAL $

MCD
Donalds
CNET
N812
7-26-9

Table 14 - Base Operating Support Costs (Other Than DSOF Overhead
Claimant :CNET

Activity Name: NAVY SAFETY SCHOOL BLOOMINGTON IL UIC: 91732

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			
2b. Transportation	2		2
2c. Environmental	2		2
2d. Facility Leases	777		777
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers	0		
2i. Administration	0	0	0
2j. Other	2	0	2
2k. Sub-total 2a. through 2j.	192	133	325
3. GRAND TOTAL (SUM OF 1c. and 2k.)	599	133	732

b. Funding Source

Appropriation	
O&M	732
MPN	0

DATA CALL 66
INSTALLATION RESOURCES

b. Funding Source. [illegible]

[illegible] Amount [illegible]

see page 2a.

Rod Levli
CNET
N4713E
7/27/94

c. Table 18 - Base Operating Support Costs (DBOF Overhead). [illegible] Leave shaded areas of table blank.

[illegible]

N/A not a DBOF activity

Rod Levli
CNET
7/27/94

DATA CALL 66
INSTALLATION RESOURCES

b. Funding Source. [illegible]

[illegible] Amount [illegible]

see page 2a.

Rod Lovli
CNET
N4413E
7/27/94

c. Table 1B - Base Operating Support Costs (DBOF Overhead). [illegible] Leave shaded areas of table blank.

[illegible]

NA not a DBOF activity

Rod Lovli
CNET
7/27/94

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)

Activity Name: NAVOSHENNTRACEN UIC: 91732

N/A

Category	FY 1996 Est Cost from BC/FINS x (1000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Total of Recurring Maintenance (R-M)			
1b. Real Property Maintenance (>$10K)			
1c. Prior Approved Non-Recurring			
1d. Minor Construction Operation Support			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. AOF 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 Ops			
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 this [illegible] is to provide information on about contracting FY 1996 costs for the purchase of services and supplies now be provided. (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 NC/FINS/IFF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget [illegible] consistent with the FY 1996 NAVCOMPT Budget Submit. [illegible] be based on the OP-32 or NC/FINS/IFF-4 exhibit, disregarding [illegible] in the exhibit which apply to civilian and military [illegible] costs and depreciation. Please note that while the OP-32 exhibit [illegible] information by budget activity, this data will generate OP-32 data for the entire [illegible] the data call. Refer to NAVCOMPTINST 7101.2B of [illegible] 1990, Small [illegible] 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 [illegible] of costs identified. Any rows that do not apply to your activity may be [illegible] blank. However, totals reported should reflect all costs, exclusive of salary [illegible] on.

Table 2 - Services/Supplies Cost Data

4

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)

Activity Name: NAVOSHENNTRACEN UIC: 91732

N/A

Category [illegible]

1. Real Property Maintenance Costs:

[illegible]

1c. Sub-total 1a. through 1d.

2. Other Base Operating Support Costs:

[illegible]

2m. Sub-total 2a. through 2l:

3. Depreciation

4. Grand Total (sum of 1c., 2m., and 3.) :

2. Services/Supplies Cost Data. [illegible] FY 1996 costs for [illegible] (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) [illegible] NAVCOMPT [illegible] for DBOF activities. Information must reflect FY 1996 budget [illegible] FY 1996 NAVCOMPT budget [illegible] on the OP-32 [illegible] information [illegible] activity. [illegible] OP-32 data for the activity [illegible] NAVCOMPTINST [illegible] Operation, 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 [illegible] costs identified. Any cross [illegible] may be [illegible]. However, totals reported should contain all costs, inclusive of [illegible]

Table 2 - Services/Supplies Cost Data

Cost Category FY 1996
Projected Costs
($000)

Travel: $15K
Material and Supplies (including equipment): $24K
Industrial Fund Purchases (other DBOF purchases): N/A
Transportation: ~~$3000.00~~ $3K
Other Purchases (Contract support, etc.): ~~$10K~~ 1,458K → MED (DONALDSON) N512 7-22-94 CNET
Total: ~~$52K~~ $1,500K →

Cost Category FY 1996
Projected Costs
($000)

Travel: $15K
Material and Supplies (including equipment): $24K
Industrial Fund Purchases (other DBOF purchases): N/A
Transportation: ~~$3000.00~~ $3k
Other Purchases (Contract support, etc.): ~~$10K~~ 1,458K
Total: ~~$52K~~ $1,500K →

MCD (DONALDSON)
N512
7-22-94
CNET

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

a. **On-Base Contract Workyear Table.** Provide a projected estimate of [illegible] **performed "on base"** in support of this installation during [illegible] should represent an annual estimate on a [illegible] basis. Several categories of contract support have been [illegible] While some of the categories are self-explanatory, [illegible] management support, [illegible] aircraft maintenance [illegible] and other mission support [illegible] and [illegible]

Table 3 - Contract Workyears

Activity Name: NAVOSHENVTRACEN UIC: 91732

Contract Type	FY 1996 Estimated Number of Workyears On-Base
[illegible]	none
Facilities Support	N/A
Mission Support	
Procurement	
Other*	
Total Workyears:	

* Note: [illegible] of the [illegible] if [illegible] is any, included under the "Other" category.

(for little repairs, PWC has only been over to Command about 3 hours this FY)

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

a. On-Base Contract Workyear Table. [illegible] performed "on base" [illegible]

Table 3 - Contract Workyears

Activity Name: NAVOSHENVTRACEN UIC: 91732

Contract Type	FY 1996 Estimated Number of Workyears On-Base
[illegible]	none
[illegible]	N/A
[illegible]	
[illegible]	
[illegible]	
[illegible]	
[illegible] *	
Total Workyears:	

* Note: [illegible] "Other" category

(for little repairs, PWC has only been over to Command about 3 hours this FY)

DATA CALL 66

INSTALLATION RESOURCES

b. Potential Disposition of On-Base Contract Workyears. [illegible] on the on-base contract workyears identified in [illegible]

1) Estimated number of contract workyears which would be transferred to the receiving base (this number should reflect the number of jobs which would in the future be contracted for at the receiving base if the activity were moved, or if the number of jobs which would necessarily be done in the same configuration)

none

N/A

2) Estimated number of workyears which would be eliminated.

none

3) Estimated number of workyears which would be eliminated because [illegible] contract jobs would remain in place in order to facilitate [illegible] of activity performed outside of the local area.

none

DATA CALL 66

INSTALLATION RESOURCES

b. Potential Disposition of On-Base Contract Workyears.

[illegible] the on-base contract workyears [illegible]

none

N/A

[illegible]

none

[illegible]

none

DATA CALL 66

INSTALLATION RESOURCES

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

none

(a) Approximate Contract Workyears Lost Within Two Miles of Base

(b) Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)

N/A

HEARD 7/27/94

(a) Approximate Contract Workyears Lost Between Two Miles and Twenty Miles

(b) Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)

N/A

HEARD 7/27/94

DATA CALL 66

INSTALLATION RESOURCES

c. "Off-Base" Contract Workyear Data. [illegible] (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above).

None

[illegible]

AnA
HEARD
7/27/94

N/A

[illegible]

AnA
HEARD
7/27/94

N/A

20 JUL REC'D

[illegible] OPNAVNOTE [illegible] of [illegible]

[illegible] set forth [illegible] of the Navy, [illegible] of the [illegible] uniformed [illegible] [illegible] "[illegible]" [illegible] contained herein [illegible]

[illegible] will be [illegible] accuracy and [illegible]

[illegible] information to [illegible] that information. Enclosure [illegible] certifications and may be duplicated [illegible] used to maintain [illegible] certifications of [illegible] purpose of this [illegible] commander of the activity will begin in [illegible] each reporting senior in the Chain of [illegible] information will also sign this [illegible] sheet must remain attached to the [illegible] be forwarded up the Chain of Command. Copies must be [illegible] each level in the Chain of Command for audit purposes.

[illegible] the information contained herein is accurate and [illegible] to the best of my knowledge and belief.

ACTIVITY COMMANDER

CHARLENE D. BRASSINGTON
CDR (sel)
NAME (Please Type or Print)

COMMANDING OFFICER

TITLE

NAVOSHENVTRACEN
(FORMER NAVAL SAFETY SCHOOL)

CD Brassington
Signature

12 Jul 94
Date

20 JUL REC'D

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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

ACTIVITY COMMANDER

CHARLENE D. BRASSINGTON
CDR (sel)
NAME (Please type or print)

COMMANDING OFFICER
TITLE

NAVOSHENVTRACEN
(FORMER NAVAL SAFETY SCHOOL)

CD Brassington
SIGNATURE

12 Jul 94
DATE

Command: NAVSAFESCOL

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

T. J. BARRY
NAME

Signature

Acting
Title

28 July 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)

J. B. GREENE, JR.
NAME

Signature

ACTING
Title

15 AUG 1994
Date

Encl (14)