

12 September 1994

**CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
NAVAL SHIPYARDS
and
SHIP REPAIR FACILITIES**

Major Owner/Operator Questions

Category	.....	INDUSTRIAL ACTIVITIES
Type	.....	NAVAL SHIPYARDS
Claimant	.....	COMNAVSEASYSKOM (Shipyards)
	.....	CINCPACFLT (Ship Repair Facility)

Notes: In the context of this Data Call:

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Use the workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the activity configuration as of completion of all BRAC-88/91/93 actions.
2. Unless otherwise specified, for questions addressing maximum workload within the Mission Area of the Data Call, base your response on an eight hour day/five day notional normal work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule.
3. Report Direct Labor Man Years (DLMYs) in thousands of Man Years, to the nearest tenth, e.g. 32.2 K DLMYs.
4. Core workloads are to be calculated in accordance with the Office of the Under Secretary of Defense (Logistics) (OUSD(L)) Memorandum dated 15 November 1993 (subject: "Policy for Maintaining Core Depot Maintenance Capability"). Core workload includes all Core work performed for other Military Departments.

If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.

This document has been prepared in WordPerfect 5.1/5.2.

Note: The Box below breaks out Defense Department Depot Maintenance and Industrial activities by Commodity Groups for further assessment. The highlighted items have been incorporated into this Data Call. If your activities perform work in any other area, please include such workload and so annotate your Data Call response.

JCSG-DM: Maintenance and Industrial Activities

Commodity Groups List	
<p>1. Aircraft Airframes: Rotary VSTOL Fixed Wing Transport / Tanker / Bomber / Command and Control Light Combat Admin / Training Other</p>	<p>7. Ground and Shipboard Communications and Electronic Equipment Radar Radio Communications Wire Communications Electronic Warfare Navigational Aids Electro-Optics / Night Vision Satellite Control / Space Sensors</p>
<p>2. Aircraft Components Dynamic Components Aircraft Structures Hydraulic/Pneumatic Instruments Landing Gear Aviation Ordnance Avionics/Electronics APUs Other</p>	<p>8. Automotive / Construction Equipment</p> <p>9. Tactical Vehicles Tactical Automotive Vehicles Components</p>
<p>3. Engines (Gas Turbine) Aircraft Ship Tank Blades / Vanes (Type 2)</p>	<p>10. Ground General Purpose Items Ground Support Equipment (except aircraft) Small Arms / Personal Weapons Munitions / Ordnance Ground Generators Other</p>
<p>4. Missiles and Missile Components Strategic Tactical / MLRS</p>	<p>11. Sea Systems Ships Weapons Systems</p>
<p>5. Amphibians Vehicles Components (less GTE)</p>	<p>12. Software Tactical Systems Support Equipment</p>
<p>6. Ground Combat Vehicles Self-propelled Tanks Towed Combat Vehicles Components (less GTE)</p>	<p>13. Special Interest Items Bearings Refurbishment Calibration (Type I) TMDE</p> <p>14. Other</p>

**CAPACITY ANALYSIS DATA CALL
NAVAL SHIPYARDS
and
SHIP REPAIR FACILITIES**

Questions for the Owner / Operator

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Table of Acronyms

ADMIN	Administration; administrative	N / A	Not Applicable
AICUZ	Air Installations Compatible Use Zone	NAVAID	Aid to Navigation
CCN	Category Code Number	NDT	?
CGN	Cruiser (nuclear propulsion)	NSYD	Naval Shipyard
CHT	Collection, Holding & Transfer	Nuc	Nuclear (Propulsion)
CIA	Controlled Industrial Area	OOS	Out of Service
COH	Complex Overhaul	OPW	Other Productive Work
Conv	Conventional (Propulsion)	PIA	Phased Incremental Availability
CV	Aircraft Carrier (conventional propulsion)	PM	Phased Maintenance
CVN	Aircraft Carrier (nuclear propulsion)	PMA	Phased Maintenance Availability
DLMY	Direct Labor Man Years	POM	Program Objective Memorandum
DMP	Depot Modernization Period	PSI	Pounds per square inch
DPIA	Docking Phased Incremental Availability	QA	Quality Assurance
DPMA	Drydocking Phased Maintenance Availability	RADCON	Radiological Control
DSRA	Drydocking Selected Restricted Availability	RATA	Restricted Availability / Technical Availability
E-O/NV	Electro-Optics / Night Vision	RCOH	Refueling Complex Overhaul
EDSR	Engineered Docking Selected Restricted Availability	RFOH	Refueling Regular Overhaul
EOH	Engineered Overhaul	ROH	Regular Overhaul
ERO	Engineered Refueling Overhaul	RO/RO	Roll On / Roll Off
ERP	Extended Refit Period	SCO	Service Craft Overhaul
ESQD	Explosive Safety Quantity Distance	SC/SS	Satellite Control / Space Systems
ESRA	Engineered Selected Restricted Availability	SF	Square Feet
EW	Electronic Warfare	SRA	Selected Restricted Availability
FY	Fiscal Years	SRF	Ship Repair Facility
GP	General Purpose	SSBN	Ballistic Missile Submarine (nuclear propulsion)
GPD	Gallons per Day	SSN	Attack Submarine (nuclear propulsion)
HERF	Hazardous Electronic Radiation - Fuel	Svc	Services
HERO	Hazardous Electronic Radiation - Ordnance	UIC	Unit Identification Code
HERP	Hazardous Electronic Radiation - Personnel		
INACT	Inactivation		
IPE	Industrial Plant Equipment		
KSF	Thousands of Square Feet		
KVA	Kilo Volts Amperes		
Mech	Machanical		
MILCON	Military Construction		
MLLW	Mean Low Low Water		

**DATA CALL FOR CAPACITY ANALYSES
NAVAL SHIPYARDS
and
SHIP REPAIR FACILITIES**

General Questions for the Major Owner/Operator (Headquarters Level)

Primary UIC: 00024

(Use the number for Activity identification at the top of each page.)

Workload Requirements

1. Naval Shipwork Performance

1.1 What percent of the total annual depot level work on naval vessels is performed by commercial manufacturers (all appropriations)? Include in the Comments entry the breakout by appropriation type.

Table 1.1: Commercial Performance of Naval Shipwork

Type of Workload	Percent (%)	Amount (\$ K)	Comments
<i>FY 1986</i> Shipwork	29.9%	1,406,387	O&M,N = \$1,007,105K OPN=\$399,282K
<i>FY 1987</i> Shipwork	38.6%	1,864,801	O&M,N = \$1,331,974K OPN=\$532,827K
<i>FY 1988</i> Shipwork	27.8%	1,220,202	O&M,N = \$905,014K OPN=\$315,188K
<i>FY 1989</i> Shipwork	44.2%	1,698,906	O&M,N = \$1,271,823K OPN=\$427,084K
<i>FY 1990</i> Shipwork	43.5%	2,812,580	O&M,N = \$917,941K OPN=\$297,439K SCN=\$1,597,200K
Table 1.1 continued on next page			

Note:

1. Unable to break workload into Nuclear/Nuc-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

1. Naval Shipwork Performance, continued

Table 1.1: Commercial Performance of Naval Shipwork, continued

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1991</i> Shipwork	30.3%	1,397,969	O&M,N=\$968,720K OPN=\$429,249K
<i>FY 1992</i> Shipwork	20.2%	961,625	O&M,N=\$671,449K OPN=\$290,176K
<i>FY 1993</i> Shipwork	22.4%	898,362	O&M,N= \$583,545K OPN=\$308,017K SCN=\$6,800K
<i>FY 1994</i> Shipwork	32.3%	1,282,062	O&M,N= \$842,040K OPN=\$408,922K SCN=\$31,100K
<i>FY 1995</i> Shipwork	40.9%	1,631,784	O&M,N= \$1,205,204K OPN=\$388,280K SCN=\$38,300K
<i>FY 1996</i> Shipwork	43.7%	1,296,320	O&M,N= \$883,044K OPN=\$187,576K SCN=\$225,700K
<i>FY 1997</i> Shipwork	59.8%	1,762,570	O&M,N= \$1,133,634K OPN=\$310,036K SCN=\$318,900K
Table 1.1 concluded next page			

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

1. Naval Shipwork Performance, continued

Table 1.1: Commercial Performance of Naval Shipwork, concluded

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1998</i> Shipwork	65.8%	3,060,930	O&M,N= \$888,422K OPN=\$177,008K SCN=\$1,995,500K
<i>FY 1999</i> Shipwork	41.2%	1,387,732	O&M,N= \$1,154,825K OPN=\$158,107K SCN=\$74,800K
<i>FY 2000</i> Shipwork	31.4%	1,043,017	O&M,N= \$900,273K OPN=\$119,344K SCN=\$23,400K
<i>FY 2001</i> Shipwork	37.7%	1,209,482	O&M,N= \$1,023,685K OPN=\$151,497K SCN=\$34,300K

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

I. Naval Shipwork Performance, continued

1.2 What percent of the total annual depot level work on naval vessels is performed within DoD (non-DoN) (all appropriations)? Break out individual Military Departments and/or Defense Agencies within each entry as necessary for the years requested in the Tables.

Table 1.2: Non-DoN DoD Performance of Naval Shipwork

Type of Workload	Performed by (Non-DoN DOD Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1986</i> Shipwork		< 1%		
<i>FY 1987</i> Shipwork		< 1%		
<i>FY 1988</i> Shipwork		< 1%		
<i>FY 1989</i> Shipwork		< 1%		
<i>FY 1990</i> Shipwork		< 1%		
Table 1.2 continued on next page				

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

I. Naval Shipwork Performance, continued

Table 1.2: Non-DoN DoD Performance of Naval Shipwork, continued

Type of Workload	Performed by (Non-DoN DoD Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1991</i> Shipwork		< 1%		
<i>FY 1992</i> Shipwork		< 1%		
<i>FY 1993</i> Shipwork		< 1%		
<i>FY 1994</i> Shipwork		< 1%		
<i>FY 1995</i> Shipwork		< 1%		
<i>FY 1996</i> Shipwork		< 1%		
<i>FY 1997</i> Shipwork		< 1%		
Table 1.2 concluded on next page				

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

1. Naval Shipwork Performance, continued

Table 1.2: Non-DoN DoD Performance of Naval Shipwork, concluded

Type of Workload	Performed by (Commercial Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1998</i> Shipwork		< 1%		
<i>FY 1999</i> Shipwork		< 1%		
<i>FY 2000</i> Shipwork		< 1%		
<i>FY 2001</i> Shipwork		< 1%		

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

I. Naval Shipwork Performance, continued

1.3 What percent of the total annual depot level work on naval vessels is performed within DoN but external to the Naval Shipyards (all appropriations)? Break out individual claimancies/ commands within each entry as necessary for the years requested in the Tables.

Table 1.3: Non-Shipyard DoN Performance of Naval Shipwork

Type of Workload	Performed by (Non-NSYD DoN Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1986</i> Shipwork		5.1%	237,993	PERA=101,997K other DON=135,996K
<i>FY 1987</i> Shipwork		5.0%	240,996	PERA=103,284K other DON=137,712K
<i>FY 1988</i> Shipwork		4.3%	188,356	PERA=80,724K other DON=107,632K
<i>FY 1989</i> Shipwork		5.2%	201,565	PERA=86,385K other DON=115,180K
<i>FY 1990</i> Shipwork		3.3%	212,737	PERA=91,173K other DON=121,564K
Table 1.3 continued on next page				

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

1. Naval Shipwork Performance, continued

Table 1.3: Non-Shipyard DoN Performance of Naval Shipwork, continued

Type of Workload	Performed by (Non-NSYD DoN Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1991</i> Shipwork		4.5%	207,480	PERA=88,920K other DON=118,560K
<i>FY 1992</i> Shipwork		4.5%	211,946	PERA=90,834K other DON=121,112K
<i>FY 1993</i> Shipwork		4.1%	163,730	PERA=70,170K other DON=93,560K
<i>FY 1994</i> Shipwork		3.5%	139,160	PERA=59,640K other DON=79,520K
<i>FY 1995</i> Shipwork		4.2%	167,216	PERA=71,664K other DON=95,552K
<i>FY 1996</i> Shipwork		5.4%	160,230	PERA=68,670K other DON=91,560K
<i>FY 1997</i> Shipwork		5.0%	146,580	PERA=62,820K other DON=83,760K
Table 1.3 concluded on next page				

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

I. Naval Shipwork Performance, continued

Table 1.3: Non-Shipyard DoN Performance of Naval Shipwork, concluded

Type of Workload	Performed by (Non-NSYD DoN Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1998</i> Shipwork		3.4%	156,730	PERA=67,170K other DON=89,560K
<i>FY 1999</i> Shipwork		6.1%	204,610	PERA=87,690K other DON=116,920K
<i>FY 2000</i> Shipwork		6.2%	205,310	PERA=87,990K other DON=117,320K
<i>FY 2001</i> Shipwork		6.1%	195,510	PERA=83,790K other DON=111,720K

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

I. Naval Shipwork Performance, continued

1.4 What percent of the total annual depot level work on naval vessels is performed within the complex of naval shipyards/ship repair facilities (all appropriations) for the years requested in the Tables? Total the workload performed by the Naval Shipyards (NSYDs) and Ship Repair Facilities (SRFs). Include in the comments the breakout between the workload performed by NSYDs and SRFs.

Table 1.4: NSYD/SRF Performance of Naval Shipwork

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1986</i> Shipwork	65.0%	3,058,608	NSYDs
<i>FY 1987</i> Shipwork	56.4%	2,727,014	NSYDs
<i>FY 1988</i> Shipwork	67.9%	2,983,166	NSYDs
<i>FY 1989</i> Shipwork	50.5%	1,940,992	NSYDs
<i>FY 1990</i> Shipwork	53.2%	3,435,903	NSYDs
Table 1.4 continued on next page			

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

1. Naval Shipwork Performance, continued

Table 1.4: NSYD/SRF Performance of Naval Shipwork, continued

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1991</i> Shipwork	65.1%	3,000,350	NSYDs
<i>FY 1992</i> Shipwork	75.3%	3,586,277	NSYDs
<i>FY 1993</i> Shipwork	73.5%	2,944,366	NSYDs
<i>FY 1994</i> Shipwork	64.2%	2,547,491	NSYDs
<i>FY 1995</i> Shipwork	54.9%	2,185,841	NSYDs
<i>FY 1996</i> Shipwork	50.9%	1,510,176	NSYDs
<i>FY 1997</i> Shipwork	35.2%	1,036,432	NSYDs
Table 1.4 concluded on next page			

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

I. Naval Shipwork Performance, continued

Table 1.4: NSYD/SRF Performance of Naval Shipwork, concluded

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1998</i> Shipwork	30.8%	1,431,649	NSYDs
<i>FY 1999</i> Shipwork	52.8%	1,777,672	NSYDs
<i>FY 2000</i> Shipwork	62.4%	2,069,620	NSYDs
<i>FY 2001</i> Shipwork	56.3%	1,806,724	NSYDs

Note:

1. Unable to break workload into Nuclear/Non-nuclear. Data collection does not identify workload as nuclear or non-nuclear.
2. Data on Ship Modernization work is available only at the total level. Data is not collected by public and commercial performance. In response to this data call, modernization work was distributed to public and commercial shipyards based on the ratio of O&M,N repairs.

Workload Performance, continued**2. Workload Summaries**

2.1 Identification of Work Packages. For each class of vessel listed below, identify all work packages (as specified in Sections 1 through 28 of the Shipyards/Ship Repair Facility Capacity Data Calls) which apply to that class under its prescribed maintenance cycle. Of those applicable work packages, list in the middle column any which are Core workload. Include in your Comments the number of hulls for each class which comprise Core workload. Add additional workload at the end of Table 2.1b as necessary to completely capture the Core Work.

Table 2.1.a: Identification of Work Packages

Class of Vessel	Applicable Work Packages	Core Work Packages	Comments
SSBN 726	18	10	EOH (10)
SSN 688	385	308	DSRA/DMP/RF (44)
SSN 21	Unknown	0	Maint cycle under review
CVN 68	27	18	PIA/PIA2 (6)
CV 62	9	6	DPIA (3)
AD 41	6	0	SRA/COH (1MIDPAC)
AOE 1	12	0	PMA/DPMA
AOE 6	18	0	PMA/DPMA
ARS 50	12	0	PMA/DPMA
AS 36/39	4	0	PMA/DPMA
LCC 19	3	0	PMA/DPMA (1)
LCC 20	3	3	PMA/DPMA(1MIDPAC)(1)
LPD 4	33	0	SRA/DSRA
LPH 2	6	0	PMA/DPMA
LSD 36	15	0	PMA/DPMA
LSD 41	33	0	PMA/DPMA
MCM 1/ MCS 12/ MHC 51	52	0	PMA/DPMASRA/DSRA

2. Workload Summaries, continued

Table 2.1.b: Identification of Work Packages

Class of Vessel	Applicable Work Packages	Core Work Packages	Comments
AFB/AFDL/ AFDM/ARDM	16	0	SCA
NR-1	1	0	PRAV
AGF 3	2	0	ROH/DSRA
AGF 11	3	0	PMA/DPMA
CG 47	104	20	SRA/DSRA/ROH (5)
DD 963	124	28	SRA/DSRA/ROH (7)
DDG 51	104	16	SRA/DSRA/ROH (4)
DDG 993	16	0	SRA/DSRA/ROH
FFG 7	153	6	SRA/DSRA (2)
LHA 1	15	6	SRA/COH (2)
LHD 1	21	12	SRA/COH (4)
CGN 38	8	0	SRA/DSRA/COH

Note: For FY 1999 projected force structure.

For prescribed maintenance cycles for each class.

2.2 Core/Maximum Potential Workload Variance. Identify the total Core naval shipwork in Direct Labor Man Years (DLMYs) by event for the FYs requested in Tables 2.2.a-g below. Compile the information from Section 31 of the Shipyard/Ship Repair Facility Activity Capacity Data Calls to complete the Maximum Potential Workload column. Calculate the variance for each event to complete these Tables.

2. Workload Summaries, continued

Table 2.2.a1: Core/Maximum Potential Workload Variance for FY 1995

EVENT	FY 1995	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
CVN COH		0.000	0.000	0.000
CVN RCOH		0.000	0.000	0.000
CVN DSRA		0.000	0.085	0.085
CVN EDSR		0.000	0.219	0.219
CVN DPIA		1.724	0.000	-1.724
CVN SRA		0.000	1.303	1.303
CVN ESRA		0.000	0.000	0.000
CVN PIA		2.061	0.000	-2.061
SSBN INACT		0.000	0.985	0.985
SSBN ERP		0.000	0.000	0.000
SSBN ROH/RFOH		0.775	0.000	-0.775
SSBN EOH/ERO		0.000	0.924	0.924
SSN INACT		0.000	2.294	2.294
SSN ROH/RFOH		1.571	0.000	-1.571
SSN EOH/ERO		0.979	0.901	-0.078
SSN DSRA		0.801	2.874	2.073
SSN DMP		0.842	0.547	-0.295
CGN INACT		0.000	1.523	1.523
CGN COH/RCOH		0.000	0.000	0.000
CGN DSRA/SRA		0.000	0.716	0.716
	Table 2.2.a1 Total	8.753	12.370	3.617

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued

Table 2.2.a2: Core/Maximum Potential Workload Variance for FY 1995

EVENT	FY 1995	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
Non Nuclear ROH		0.653	2.899	2.246
Non Nuclear COH		1.220	0.025	-1.195
Non Nuclear DPMA		0.056	0.141	0.085
Non Nuclear PMA		0.026	0.445	0.419
Non Nuclear DSRA		0.192	0.893	0.701
Non Nuclear SRA		0.563	2.406	1.845
Non Nuclear SCO		0.000	0.166	0.166
Other INACTS		0.000	0.052	0.052
OPW: Nuclear		0.499	0.753	0.254
Non Nuclear		1.496	3.684	2.188
RATA: Nuclear		0.507	0.702	0.195
Non Nuclear		0.646	1.180	0.534
Table 2.2.a2 Tbtal		5.858	13.348	7.490
Table 2.2.a2 Tbtal		8.753	12.370	3.617
FY 1995 TOTAL		14.611	25.718	11.107

- Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.
2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued**Table 2.2.b1: Core/Maximum Potential Workload Variance for FY 1996**

EVENT	FY 1996	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
CVN COH		0.000	0.000	0.000
CVN RCOH		0.000	0.000	0.000
CVN DSRA		0.000	1.303	1.303
CVN EDSR		0.000	0.000	0.000
CVN DPIA		1.724	0.000	-1.724
CVN SRA		0.000	1.237	1.237
CVN ESRA		0.000	0.000	0.000
CVN PIA		2.061	0.163	-1.898
SSBN INACT		0.000	0.311	0.311
SSBN ERP		0.000	0.000	0.000
SSBN ROH/RFOH		0.775	0.000	-0.775
SSBN EOH/ERO		0.000	0.862	0.862
SSN INACT		0.000	2.891	2.891
SSN ROH/RFOH		1.571	0.000	-1.571
SSN EOH/ERO		0.979	0.945	-0.034
SSN DSRA		0.801	2.897	2.096
SSN DMP		0.842	1.907	1.065
CGN INACT		0.000	1.067	1.067
CGN COH/RCOH		0.000	0.000	0.000
CGN DSRA/SRA		0.000	0.656	0.656
Table 2.2.b1 Total		8.753	14.239	5.486

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued

Table 2.2.b2: Core/Maximum Potential Workload Variance for FY 1996

EVENT	FY 1996	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
Non Nuclear ROH		0.653	1.516	0.863
Non Nuclear COH		1.220	0.533	-0.687
Non Nuclear DPMA		0.056	0.527	0.471
Non Nuclear PMA		0.026	0.600	0.574
Non Nuclear DSRA		0.192	0.438	0.246
Non Nuclear SRA		0.563	1.879	1.316
Non Nuclear SCO		0.000	0.269	0.269
Other INACTIS		0.000	0.163	0.163
OPW: Nuclear		0.499	0.702	0.203
Non Nuclear		1.496	3.722	2.226
RATA: Nuclear		0.507	0.675	0.168
Non Nuclear		0.646	0.861	0.215
Table 2.2.b2 Total		5.858	11.885	6.027
Table 2.2.b1 Total		8.753	14.239	5.486
FY 1996 TOTAL		14.611	26.124	11.513

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued

Table 2.2.c1: Core/Maximum Potential Workload Variance for FY 1997

EVENT	FY 1997	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
CVN COH		0.000	0.000	0.000
CVN RCOH		0.000	0.000	0.000
CVN DSRA		0.000	0.214	0.214
CVN EDSR		0.000	0.000	0.000
CVN DPFA		1.724	0.000	-1.724
CVN SRA		0.000	0.857	0.857
CVN ESRA		0.000	0.000	0.000
CVN PIA		2.061	1.399	-0.662
SSBN INACT		0.000	0.405	0.405
SSBN ERP		0.000	0.000	0.000
SSBN ROH/RFOH		0.775	0.000	-0.775
SSBN EO H/ERO		0.000	0.875	0.875
SSN INACT		0.000	2.506	2.506
SSN ROH/RFOH		1.571	0.000	-1.571
SSN EO H/ERO		0.979	0.494	-0.485
SSN DSRA		0.801	3.561	2.760
SSN DMP		0.842	0.599	-0.243
CGN INACT		0.000	1.127	1.127
CGN COH/RCOH		0.000	0.000	0.000
CGN DSRA/SRA		0.000	0.614	0.614
Table 2.2.c1 Total		8.753	12.651	3.898

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.
2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued

Table 2.2.c2: Core/Maximum Potential Workload Variance for FY 1997

EVENT	FY 1997	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
Non Nuclear ROH		0.653	1.461	0.808
Non Nuclear COH		1.220	0.000	-1.220
Non Nuclear DPMA		0.056	0.791	0.735
Non Nuclear PMA		0.026	0.832	0.806
Non Nuclear DSRA		0.192	0.599	0.407
Non Nuclear SRA		0.563	2.331	1.768
Non Nuclear SCO		0.000	0.196	0.196
Other INACTS		0.000	0.514	0.514
OPW: Nuclear		0.499	0.722	0.223
Non Nuclear		1.496	3.693	2.197
OPW: Nuclear		0.507	0.644	0.137
Non Nuclear		0.646	1.017	0.371
Table 2.2.c2 Tbtal		5.858	12.800	6.942
Table 2.2.c1 Tbtal		8.753	12.651	3.898
FY 1997 TOTAL		14.611	25.451	10.840

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued

Table 2.2.d1: Core/Maximum Potential Workload Variance for FY 1998

EVENT	FY 1998	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
CVN COH		0.000	0.000	0.000
CVN RCOH		0.000	0.000	0.000
CVN DSRA		0.000	0.000	0.000
CVN EDSR		0.000	0.000	0.000
CVN DPIA		1.724	0.847	-0.877
CVN SRA		0.000	0.701	0.701
CVN ESRA		0.000	0.000	0.000
CVN PIA		2.061	0.168	-1.893
SSBN INACT		0.000	0.071	0.071
SSBN ERP		0.000	0.000	0.000
SSBN ROH/RFOH		0.775	0.000	-0.775
SSBN EOH/ERO		0.000	0.746	0.746
SSN INACT		0.000	1.977	1.977
SSN ROH/RFOH		1.571	0.000	-1.571
SSN EOH/ERO		0.979	0.926	-0.053
SSN DSRA		0.801	2.661	1.860
SSN DMP		0.842	2.836	1.994
CGN INACT		0.000	2.146	2.146
CGN COH/RCOH		0.000	0.000	0.000
CGN DSRA/SRA		0.000	0.446	0.446
Table 2.2.d1 Total		8.753	13.525	4.772

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued

Table 2.2.d2: Core/Maximum Potential Workload Variance for FY 1998

EVENT	FY 1998	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
Non Nuclear ROH		0.653	1.363	0.710
Non Nuclear COH		1.220	0.363	-0.857
Non Nuclear DPMA		0.056	0.794	0.738
Non Nuclear PMA		0.026	0.696	0.670
Non Nuclear DSRA		0.192	1.230	1.038
Non Nuclear SRA		0.563	1.646	1.083
Non Nuclear SCO		0.000	0.000	0.000
Other INACTS		0.000	0.346	0.346
OPW: Nuclear		0.499	0.712	0.213
Non Nuclear		1.496	3.675	2.179
OPW: Nuclear		0.507	0.655	0.148
Non Nuclear		0.646	0.974	0.328
Table 2.2.d2 Total		5.858	12.454	6.596
Table 2.2.d1 Total		8.753	13.525	4.772
FY 1998 TOTAL		14.611	25.979	11.368

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued

Table 2.2.e1: Core/Maximum Potential Workload Variance for FY 1999

EVENT	FY 1999	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
CVN COH		0.000	0.000	0.000
CVN RCOH		0.000	0.000	0.000
CVN DSRA		0.000	0.000	0.000
CVN EDSR		0.000	0.000	0.000
CVN DPFA		1.724	1.595	-0.129
CVN SRA		0.000	0.000	0.000
CVN ESRA		0.000	0.000	0.000
CVN PIA		2.061	1.354	-0.707
SSBN INACT		0.000	0.425	0.425
SSBN ERP		0.000	0.000	0.000
SSBN ROH/RFOH		0.775	0.000	-0.775
SSBN EOH/ERO		0.000	0.442	0.442
SSN INACT		0.000	1.927	1.927
SSN ROH/RFOH		1.571	0.000	-1.571
SSN EOH/ERO		0.979	1.215	0.236
SSN DSRA		0.801	3.240	2.439
SSN DMP		0.842	2.842	2.000
CGN INACT		0.000	0.484	0.484
CGN COH/RCOH		0.000	0.000	0.000
CGN DSRA/SRA		0.000	0.491	0.491
Table 2.2.e1 Total		8.753	14.015	5.262

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued**Table 2.2.e2: Core/Maximum Potential Workload Variance for FY 1999**

EVENT	FY 1999	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
Non Nuclear ROH		0.653	1.539	0.886
Non Nuclear COH		1.220	0.781	-0.439
Non Nuclear DPMA		0.056	0.371	0.315
Non Nuclear PMA		0.026	1.067	1.041
Non Nuclear DSRA		0.192	0.938	0.746
Non Nuclear SRA		0.563	1.256	0.693
Non Nuclear SCO		0.000	0.003	0.003
Other INACTS		0.000	0.081	0.081
OPW: Nuclear		0.499	0.702	0.203
Non Nuclear		1.496	3.611	2.115
OPW: Nuclear		0.507	0.651	0.144
Non Nuclear		0.646	0.981	0.335
Table 2.2.e2 Total		5.858	11.981	6.123
Table 2.2.e1 Total		8.753	14.015	5.262
FY 1999 TOTAL		14.611	25.996	11.385

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continuedTable 2.2.f1: **Core/Maximum Potential Workload Variance for FY 2000**

EVENT	FY 2000	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
CVN COH		0.000	0.000	0.000
CVN RCOH		0.000	0.000	0.000
CVN DSRA		0.000	0.000	0.000
CVN EDSR		0.000	0.000	0.000
CVN DPIA		1.724	0.280	-1.444
CVN SRA		0.000	0.000	0.000
CVN ESRA		0.000	0.000	0.000
CVN PIA		2.061	1.490	-0.571
SSBN INACT		0.000	0.249	0.249
SSBN ERP		0.000	0.003	0.003
SSBN ROH/RFOH		0.775	0.006	-0.769
SSBN EO H/ERO		0.000	0.442	0.442
SSN INACT		0.000	1.605	1.605
SSN ROH/RFOH		1.571	0.000	-1.571
SSN EO H/ERO		0.979	1.434	0.455
SSN DSRA		0.801	2.678	1.877
SSN DMP		0.842	3.048	2.206
CGN INACT		0.000	1.173	1.173
CGN COH/RCOH		0.000	0.000	0.000
CGN DSRA/SRA		0.000	0.521	0.521
Table 2.2.f1 Total		8.753	12.929	4.176

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued**Table 2.2.f2: Core/Maximum Potential Workload Variance for FY 2000**

EVENT	FY 2001	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
Non Nuclear ROH		0.653	2.349	1.696
Non Nuclear COH		1.220	0.682	-0.538
Non Nuclear DPMA		0.056	0.024	-0.032
Non Nuclear PMA		0.026	0.0793	0.767
Non Nuclear DSRA		0.192	0.769	0.577
Non Nuclear SRA		0.563	1.319	0.756
Non Nuclear SCO		0.000	0.200	0.200
Other INACTIS		0.000	0.100	0.100
OPW: Nuclear		0.499	0.705	0.206
Non Nuclear		1.496	3.673	2.177
OPW: Nuclear		0.507	0.635	0.128
Non Nuclear		0.646	0.962	0.316
Table 2.2.f2 Total		5.858	12.211	6.353
Table 2.2.fTotal		8.753	12.929	4.176
FY 2000 TOTAL		14.611	25.140	10.529

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued**Table 2.2.g1: Core/Maximum Potential Workload Variance for FY 2001**

EVENT	FY 2001	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
CVN COH		0.000	0.000	0.000
CVN RCOH		0.000	0.000	0.000
CVN DSRA		0.000	0.000	0.000
CVN EDSR		0.000	0.000	0.000
CVN DPIA		1.724	0.000	-1.724
CVN SRA		0.000	0.000	0.000
CVN ESRA		0.000	0.000	0.000
CVN PIA		2.061	2.358	0.297
SSBN INACT		0.000	0.255	0.255
SSBN ERP		0.000	0.479	0.479
SSBN ROH/RFOH		0.775	0.261	-0.514
SSBN EOH/ERO		0.000	0.333	0.333
SSN INACT		0.000	1.520	1.520
SSN ROH/RFOH		1.571	0.000	-1.571
SSN EOH/ERO		0.979	2.117	1.138
SSN DSRA		0.801	2.951	2.150
SSN DMP		0.842	3.284	2.442
CGN INACT		0.000	0.684	0.684
CGN COH/RCOH		0.000	0.000	0.000
CGN DSRA/SRA		0.000	0.419	0.419
Table 2.2.g1 Total		8.753	14.661	5.908

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

2. Workload Summaries, continued

Table 2.2.g2: Core/Maximum Potential Workload Variance for FY 2001

EVENT	FY 2001	CORE WORKLOAD	MAXIMUM POTENTIAL WORKLOAD	VARIANCE
Non Nuclear ROH		0.653	2.136	1.483
Non Nuclear COH		1.220	1.047	-0.173
Non Nuclear DPMA		0.056	0.000	-0.056
Non Nuclear PMA		0.026	0.082	0.056
Non Nuclear DSRA		0.192	0.400	0.208
Non Nuclear SRA		0.563	0.632	0.069
Non Nuclear SCO		0.000	0.082	0.082
Other INACTS		0.000	0.000	0.000
OPW: Nuclear		0.499	0.702	0.203
	Non	1.496	3.668	2.172
Nuclear				
OPW: Nuclear		0.507	0.631	0.124
	Non	0.646	0.955	0.309
Nuclear				
Table 2.2.g2 Total		5.858	10.335	4.477
Table 2.2.g1 Total		8.753	14.661	5.908
FY 2001 Total		14.611	24.996	10.385

Notes: 1. For FY 1999 projected force structure and prescribed maintenance cycles for each class.

2. Does not include 5.216 KMNYRS Last Source requirements

Features and Capabilities

3. Contingency and Mobilization Features

3.1 Identify the capability of all active and certified graving drydocks at each naval shipyard, using the projected FY 2001 active force composition, by checking the appropriate box in the following tables. Use the "Other" columns in Table 3.1.b1 to identify any naval graving docks additional to those listed and append details.

Table 3.1.a1: Naval Drydock Capabilities

DD# Class of Vessel	Long Beach ¹			Norfolk					Pearl Harbor				
	1	2	3	1	2	3	4	8	1	2	3	4	
SSBN 726	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	R
SSN 688	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	R
SSN 21	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	R
CVN 68	✓							✓				✓	R
CV 62	✓							✓				✓	
AD 41	✓	✓	✓			✓	✓	✓	✓	✓		✓	
AOE 1	✓						✓	✓	✓	✓		✓	
AOE 6	✓						✓	✓	✓	✓		✓	
ARS 50	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
AS 36/39	✓	✓	✓			✓	✓	✓	✓	✓		✓	
LCC 19	✓	✓	✓			✓	✓	✓	✓	✓		✓	
LCC 20	✓	✓	✓			✓	✓	✓	✓	✓		✓	
LPD 4	✓	✓	✓			✓	✓	✓	✓	✓		✓	
LPH 2	✓	dw	dw			dw	✓	✓	✓	✓		✓	R
LSD 36	✓	✓	✓			✓	✓	✓	✓	✓		✓	
LSD 41	✓	✓	✓			✓	✓	✓	✓	✓		✓	
MCM 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MCS	✓	✓	✓			✓	✓	✓	✓	✓		✓	
MHC 51	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Note: ¹ Long Beach Naval Shipyard is not capable of performing nuclear repair work.

Features and Capabilities**3. Contingency and Mobilization Features**

3.1 Identify the capability of all active and certified graving drydocks at each naval shipyard, using the projected FY 2001 active force composition, by checking the appropriate box in the following tables. Use the "Other" columns in Table 3.1.b1 to identify any naval graving docks additional to those listed and append details.

Table 3.1.a1: **Naval Drydock Capabilities**

DD# Class of Vessel	Long Beach ¹			Norfolk					Pearl Harbor			
	1	2	3	1	2	3	4	8	1	2	3	4
SSBN 726						✓	✓	✓	✓	✓		✓
SSN 688					✓	✓	✓	✓	✓	✓		✓
SSN 21					✓	✓	✓	✓	✓	✓		✓
CVN 68	eu							✓				✓
CV 62	✓							✓				✓
AD 41	✓	✓	✓			✓	✓	✓	✓	✓		✓
AOE 1	✓						✓	✓	✓	✓		✓
AOE 6	✓						✓	✓	✓	✓		✓
ARS 50	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
AS 36/39	✓	✓	✓			✓	✓	✓	✓	✓		✓
LCC 19	✓	✓	✓			✓	✓	✓	✓	✓		✓
LCC 20	✓	✓	✓			✓	✓	✓	✓	✓		✓
LPD 4	✓	✓	✓			✓	✓	✓	✓	✓		✓
LPH 2	✓	✓	✓			✓	✓	✓	✓	✓		✓
LSD 36	✓	✓	✓			✓	✓	✓	✓	✓		✓
LSD 41	✓	✓	✓			✓	✓	✓	✓	✓		✓
MCM 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MCS	✓	✓	✓			✓	✓	✓	✓	✓		✓
MHC 51	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Note: ¹ This shipyard is not capable of performing nuclear repair work.

3. Contingency and Mobilization Features, continued

Table 3.1.a2: Naval Drydock Capabilities

DD# Class of Vessel	Long Beach ¹			Norfolk					Pearl Harbor				
	1	2	3	1	2	3	4	8	1	2	3	4	
AFDB/AFDL/ AFDM/ARDM	2,3, 4,5, 6	2,5	2,5		2	2,5, 6	2,4, 5,6	2,3, 4,5, 6	2,5, 6	2,3, 4,5, 6	2	2,3 4, 5,6	
NR-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	R
AGF 3	✓	✓	✓			✓	✓	✓	✓	✓		✓	
AGF 11	✓	✓	✓			✓	✓	✓	✓	✓		✓	
CG 47	✓	✓	✓			ls	✓	✓	hb	✓		✓	R
DD 963	✓	✓	✓			✓	✓	✓	✓	✓		✓	
DDG 51	✓	✓	✓			ls	✓	✓	✓	✓		✓	R
DDG 993	✓	✓	✓			✓	✓	✓	✓	✓		✓	
FFG 7	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	
LHA 1	✓						✓	✓	✓	✓		✓	
LHD 1	✓						✓	✓	✓	✓		✓	
CGN 38 36	✓	✓	✓			✓	✓	✓	✓	✓		✓	R
SSN 637	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	R
CVN 65	✓							✓				✓	R
MTS	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	R
NSSN	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	R
FF 1052	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	R
FF 1098	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	R

Note: ¹ Long Beach Naval Shipyard is not capable of performing nuclear repair work.

Numbers correspond to class of floating docks capable of being docked in NSY graving docks as follows: (1) AFDB; (2) AFDL; (3) AFDM-3/6; (4) AFDM-14; (5) ARDM-1 and (6) ARDM-4

3. Contingency and Mobilization Features, continued

Table 3.1.a2: Naval Drydock Capabilities

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DD# Class of Vessel	Long Beach			Norfolk					Pearl Harbor			
	1	2	3	1	2	3	4	8	1	2	3	4
AFDB/AFDL/ AFDM/ARDM	2,3, 4,5, 6	2,5	2,5		2	2,5, 6	2,4, 5,6	2,3, 4,5, 6	2,5, 6	2,3, 4,5, 6	2	2,3 ,4, 5,6
NR-1					✓	✓	✓	✓	✓	✓		✓
AGF 3	✓	✓	✓			✓	✓	✓	✓	✓		✓
AGF 11	✓	✓	✓			✓	✓	✓	✓	✓		✓
CG 47	✓	✓	✓			✓	✓	✓	✓	✓		✓
DD 963	✓	✓	✓			✓	✓	✓	✓	✓		✓
DDG 51	✓	✓	✓			✓	✓	✓	✓	✓		✓
DDG 993	✓	✓	✓			✓	✓	✓	✓	✓		✓
FFG 7	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓
LHA 1	✓						✓	✓	✓	✓		✓
LHD 1	✓						✓	✓	✓	✓		✓
CGN 38 36						✓	✓	✓	✓	✓		✓
SSN 637					✓	✓	✓	✓	✓	✓		✓
CVN 65	eu							✓				✓
MTS					✓	✓	✓	✓	✓	✓		✓
NSSN					✓	✓	✓	✓	✓	✓		✓

Note: Numbers correspond to class of floating docks capable of being docked in NSY graving docks as follows: (1) AFDB; (2) AFDL; (3) AFDM-3/6; (4) AFDM-14; (5) ARDM-1 and (6) ARDM-4

3. Contingency and Mobilization Features, continued

Table 3.1.a2: Naval Drydock Capabilities

DD# Class of Vessel	Long Beach			Norfolk					Pearl Harbor			
	1	2	3	1	2	3	4	8	1	2	3	4
AFDB/AFDL/ AFDM/ARDM	2,3, 4,5, 6	2,5	2,5		2	2,5, 6	2,4, 5,6	2,3, 4,5, 6	2,5, 6	2,3, 4,5, 6	2	2,3, 4,5, 6
NR-1					✓	✓	✓	✓	✓	✓		✓
AGF 3	✓	✓	✓			✓	✓	✓	✓	✓		✓
AGF 11	✓	✓	✓			✓	✓	✓	✓	✓		✓
CG 47	✓	✓	✓			✓	✓	✓	✓	✓		✓
DD 963	✓	✓	✓			✓	✓	✓	✓	✓		✓
DDG 51	✓	✓	✓			✓	✓	✓	✓	✓		✓
DDG 993	✓	✓	✓			✓	✓	✓	✓	✓		✓
FFG 7	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓
LHA 1	✓						✓	✓	✓	✓		✓
LHD 1	✓						✓	✓	✓	✓		✓
CGN 38 36						✓	✓	✓	✓	✓		✓
CVN 65	eu							✓				✓
MTS					✓	✓	✓	✓	✓	✓		✓
NSSN					✓	✓	✓	✓	✓	✓		✓

Note: Numbers correspond to class of floating docks capable of being docked in NSY graving docks as follows: (1) AFDB; (2) AFDL; (3) AFDM-3/6; (4) AFDM-14; (5) ARDM-1 and (6) ARDM-4

Rev.

3. Contingency and Mobilization Features, continued

Table 3.1.b1: Naval Drydock Capabilities

DD#	Portsmouth			Puget Sound						Philadelphia ²		
	1	2	3	1	2	3	4	5	6	4	5	
SSBN 726		✓			✓		✓	✓	✓	nn	nn	
SSN 688	ba	✓	✓	sf	✓	ba	✓	✓	✓	nn	nn	
SSN 21		ba	ba		✓		✓	✓	✓	nn	nn	
CVN 68									✓		ml	
CV 62								xc	✓	rb	rb	
AD 41					✓	✓	✓	✓	✓	✓	✓	
AOE 1					✓		✓	✓	✓	✓	✓	
AOE 6					✓		✓	✓	✓	✓	✓	
ARS 50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
AS 36/39					✓	xc	✓	✓	✓	✓	✓	
LCC 19					✓		✓	✓	✓	✓	✓	
LCC 20					✓		✓	✓	✓	✓	✓	
LPD 4				ew	✓	✓	✓	✓	✓	✓	✓	
LPH 2					✓	xc	✓	✓	✓	✓	✓	
LSD 36				ew	✓	✓	✓	✓	✓	✓	✓	
LSD 41					✓	✓	✓	✓	✓	✓	✓	
MCM 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MCS					✓	xc	✓	✓	✓	✓	✓	
MHC 51	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

² Philadelphia Naval Shipyard DDs 4 and 5 become a Detachment of NNSY in FY-96. Philadelphia Naval Shipyard is not capable of performing nuclear repair work.

3. Contingency and Mobilization Features, continued

Table 3.1.b1: Naval Drydock Capabilities

DD# Class of Vessel	Portsmouth			Puget Sound						Philadelphia ²		
	1	2	3	1	2	3	4	5	6	4	5	
SSBN 726		✓			✓		✓	✓	✓			
SSN 688	✓	✓	✓	✓	✓		✓	✓	✓			
SSN 21		✓	✓		✓		✓	✓	✓			
CVN 68									✓			
CV 62								xc	✓	✓	✓	
AD 41					✓	✓	✓	✓	✓	✓	✓	
AOE 1					✓		✓	✓	✓	✓	✓	
AOE 6					✓		✓	✓	✓	✓	✓	
ARS 50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
AS 36/39					✓	xc	✓	✓	✓	✓	✓	
LCC 19					✓		✓	✓	✓	✓	✓	
LCC 20					✓		✓	✓	✓	✓	✓	
LPD 4				✓	✓	✓	✓	✓	✓	✓	✓	
LPH 2					✓	xc	✓	✓	✓	✓	✓	
LSD 36				✓	✓	✓	✓	✓	✓	✓	✓	
LSD 41					✓	✓	✓	✓	✓	✓	✓	
MCM 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MCS					✓	xc	✓	✓	✓	✓	✓	
MHC 51	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

² Philadelphia Naval Shipyard DDs 4 and 5 become a Detachment of NNSY in FY-96. Philadelphia Naval Shipyard is not capable of performing nuclear repair work.

3. Contingency and Mobilization Features, continued

Table 3.1.b1: Naval Drydock Capabilities

DD#	Portsmouth			Puget Sound						Philadelphia ²		
	1	2	3	1	2	3	4	5	6	4	5	
Class of Vessel	1	2	3	1	2	3	4	5	6	4	5	
AFDB/AFDL/ AFDM/ARDM	2	2,5	2	2	2,5, 6	2,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	
NR-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	nn	nn	R
AGF 3		✓		✓	✓	✓	✓	✓	✓	✓	✓	
AGF 11				✓	✓	✓	✓	✓	✓	✓	✓	
CG 47		dl ^{3,4}			✓		✓	✓	✓	✓	✓	R
DD 963		dl ⁴		dl	✓		✓	✓	✓	✓	✓	R
DDG 51		✓	✓	dl	✓		✓	✓	✓	✓	✓	R
DDG 993					✓		✓	✓	✓	✓	✓	
FFG 7		✓	✓	✓	✓	hb	✓	✓	✓	✓	✓	R
LHA 1					✓		✓	✓	✓	✓	✓	
LHD 1					✓		✓	✓	✓	✓	✓	
CGN 38 36					✓		✓	✓	✓	nn	nn	R
SSN 637	ba	✓	✓	✓	✓	ba	✓	✓	✓	nn	nn	R
CVN 65									✓		ml	R
MTS	ba	✓	✓	✓	✓	ba	✓	✓	✓	nn	nn	R
NSSN		ba	ba		✓		✓	✓	✓	nn	nn	R
FF 1052		✓	✓	✓	✓	hb	✓	✓	✓	✓	✓	R
FF 1098	dl	✓	✓	✓	✓	hb	✓	✓	✓	✓	✓	R

Note: Numbers correspond to class of floating docks capable of being docked in NSY graving docks as follows: (1) AFDB; (2) AFDL; (3) AFDM-3/6; (4) AFDM-14; (5) ARDM-1 and (6) ARDM-4

² Philadelphia Naval Shipyard DDs 4 and 5 become a Detachment of NNSY in FY-96. R

Philadelphia Naval Shipyard is not capable of performing nuclear repair work. R

³ Portsmouth Naval Shipyard data indicates 32' 4" of water over the sill if 10' tides are used, which occur about five days per month. Based on NAVSEA 03H ship draft stability data the CG-47 through CG-50 (navigational draft forward 32' 1", aft 28' 6") cannot be docked since there is insufficient water over the sill to provide a one foot clearance.

⁴ Length of dock limits sonar dome repair capability in Portsmouth Naval Shipyard. R

3. Contingency and Mobilization Features, continued

Table 3.1.b1: Naval Drydock Capabilities

Revised pg

DD# Class of Vessel	Portsmouth			Puget Sound						Philadelphia ⁴		
	1	2	3	1	2	3	4	5	6	4	5	6
AFDB/AFDL/ AFDM/ARDM	2	2,5	2	2	2,5, 6	2,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6
NR-1	✓	✓	✓	✓	✓		✓	✓				
AGF 3		✓		✓	✓	✓	✓	✓	✓	✓	✓	
AGF 11				✓	✓	✓	✓	✓	✓	✓	✓	
CG 47		st ³			✓		✓	✓	✓	✓	✓	
DD 963		st		✓	✓			✓	✓	✓	✓	
DDG 51		✓	✓	✓	✓		✓	✓	✓	✓	✓	
DDG 993					✓		✓	✓	✓	✓	✓	
FFG 7		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
LHA 1					✓		✓	✓	✓	✓	✓	
LHD 1					✓		✓	✓	✓	✓	✓	
CGN 38 36					✓		✓	✓	✓			
SSN 637		✓	✓	✓	✓		✓	✓	✓			
CVN 65									✓			
MTS	✓	✓	✓	✓	✓		✓	✓	✓			
NSSN		✓	✓		✓		✓	✓	✓			

Note: Numbers correspond to class of floating docks capable of being docked in NSY graving docks as follows: (1) AFDB; (2) AFDL; (3) AFDM-3/6; (4) AFDM-14; (5) ARDM-1 and (6) ARDM-4

³ Portsmouth Naval Shipyard data indicates 32' 4" of water over the sill if 10' tides are used, which occur about five days per month. Based on NAVSEA 03H ship draft stability data the CG-47 through CG-50 (navigational draft forward 32' 1", aft 28' 6") cannot be docked since there is insufficient water over the sill to provide a one foot clearance.

⁴ Philadelphia Naval Shipyard DDs 4 and 5 become a Detachment of NNSY in FY-96.

3. Contingency and Mobilization Features, continued

Table 3.1.b1: Naval Drydock Capabilities

DD# Class of Vessel	Portsmouth			Puget Sound						Philadelphia ⁴		
	1	2	3	1	2	3	4	5	6	4	5	
AFDB/AFDL/ AFDM/ARDM	2	2,5	2	2	2,5, 6	2,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	2,3, 4,5, 6	
NR-1	✓	✓	✓	✓	✓		✓	✓	✓			
AGF 3		✓		✓	✓	✓	✓	✓	✓	✓	✓	
AGF 11				✓	✓	✓	✓	✓	✓	✓	✓	
CG 47		st ³			✓		✓	✓	✓	✓	✓	
DD 963		st		✓	✓		✓	✓	✓	✓	✓	
DDG 51		✓	✓	✓	✓		✓	✓	✓	✓	✓	
DDG 993					✓		✓	✓	✓	✓	✓	
FFG 7		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
LHA 1					✓		✓	✓	✓	✓	✓	
LHD 1					✓		✓	✓	✓	✓	✓	
CGN 38 36					✓		✓	✓	✓			
CVN 65									✓			
MTS	✓	✓	✓	✓	✓		✓	✓	✓			
NSSN		✓	✓		✓		✓	✓	✓			

Note: Numbers correspond to class of floating docks capable of being docked in NSY graving docks as follows: (1) AFDB; (2) AFDL; (3) AFDM-3/6; (4) AFDM-14; (5) ARDM-1 and (6) ARDM-4

³ Portsmouth Naval Shipyard data indicates 32' 4" of water over the sill if 10' tides are used, which occur about five days per month. Based on NAVSEA 03H ship draft stability data the CG-47 through CG-50 (navigational draft forward 32' 1", aft 28' 6") cannot be docked since there is insufficient water over the sill to provide a one foot clearance.

⁴ Philadelphia Naval Shipyard DDs 4 and 5 become a Detachment of NNSY in FY-96.

LEGEND

Rev.

Symbol/Abbreviation:

✓ Indicates that the ship will dimensionally fit in the dry dock at practical docking drafts and the ship's displacement is within the dock's certified capacity. R

Lower case abbreviations indicate that the hull will dimensionally fit, and a potential docking limitation exists. R

ba	Bouyancy assist required	R
dl	Fits at light load displacement	R
dw	Dock width varies	R
ew	Entrance width varies	R
hb	Requires hinged side blocks	R
ls	Lateral docking/superflooding	R
ml	Multiple limitations (nn, rb, xc)	R
nn	Not nuclear capable	R
rb	Bridge restriction	R
sf	Superflooding utilized	R
xc	Exceeds certification capability and/or limits	

Notes:

Blocking information for the NSSN was based on similar information from the SSN-21 docking drawing. R

LEGEND

Symbol/Abbreviation:

✓ Indicates that the ship will dimensionally fit in the dry dock at practical docking drafts and the ship's displacement is within the dock's certified capacity. The ship can be docked using the dock's existing features and standard docking practices. A blank indicates that a ship will not dimensionally fit at practical docking drafts or is unsuitable for other reasons.

eu Can be used to dock nuclear aircraft carriers for emergent hull repair.

st Use of special techniques allows drydocking but length of dock limits sonar dome repair capability in the shipyard.

xc Dock is capable of drydocking ship, but ship displacement exceeds the current certified capacity of the dock. The certified capacity must be increased.

Notes:

Blocking information for the SSN-21 was based on similar information from the SSBN-726 docking drawing. A docking drawing has not been developed for the SSN-21.

ACTIVITY LISTING:

Type	Title	Location
Naval Shipyard	NSYD LONG BEACH	Long Beach CA
Naval Shipyard	NSYD NORFOLK	Portsmouth VA
Naval Shipyard	NSYD PEARL HARBOR	Pearl Harbor HI
Naval Shipyard	NSYD PORTSMOUTH	Kittery ME
Naval Shipyard	NSYD PUGET SOUND	Bremerton WA
Naval Ship Repair Facility	SRF GUAM	Guam

HEADQUARTERS LISTING:

For Type	Title
Naval Shipyard	Commander, Naval Sea Systems Command
Navy Ship Repair Facility	Commander in Chief, Pacific Fleet

BRAC 95 Data Call Number 9, Naval Shipyards Major Owner/Operator Questions

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

G. R. STERNER
Commander

9/13/94

Title **Naval Sea Systems Command** 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

14 SEP 1994

Title

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

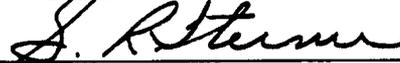
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

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

Data Being Certified: BRAC 95 Data Call Number 9, Naval Shipyards Major Owner/Operator Questions

ACTIVITY COMMANDER



NAME (Please type or print)

G. R. STERNER
Commander

Signature

9/13/94

Title Naval Sea Systems Command

Activity

Data Being Certified: BRAC 95 Data Call Number 9, Naval Shipyards
Major Owner /Operator Questions, Revised pg 32 and 34

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

NEXT ECHELON LEVEL (if applicable)

Robert S. Johnson

NAME (Please type or print)

Signature



Deputy Commander for Naval Shipyard
and SUPSHIP Management and Field
Activity Support Directorate
(Acting)

Title

Date

16 Sept 1994

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

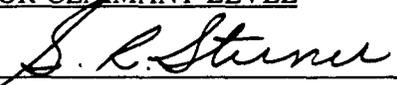
NAME (Please type or print)

Signature

G. R. STERNER

Commander

Naval Sea Systems Command



9/19/94

Title

Date

Activity

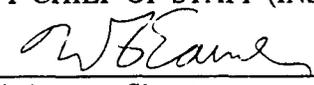
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

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

W. A. EARNER

NAME (Please type or print)

Signature



9/20/94

R.

Data Being Certified: BRAC 95 Data Call Number 9, Revisions, Naval Shipyards Major Owner/Operator Questions, Section 3

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

	<u>10/6/94</u>
G. R. STERNER	Date
Commander	
Naval Sea Systems 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	Signature
NAME (Please type or print)	

	<u>10/7/94</u>
Title	Date

25 May 1994

**CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
NAVAL SHIPYARDS
and
SHIP REPAIR FACILITIES**

Major Owner/Operator Questions

Category	.....	INDUSTRIAL ACTIVITIES
Type	.....	NAVAL SHIPYARDS
Claimant	.....	COMNAVSEASYSKOM (Shipyards)
	.....	CINCPACFLT (Ship Repair Facility)

Notes: In the context of this Data Call:

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Use the workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the activity configuration as of completion of all BRAC-88/91/93 actions.
2. Unless otherwise specified, for questions addressing maximum workload within the Mission Area of the Data Call, base your response on an eight hour day/five day notional normal work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule.
3. Report Direct Labor Man Years (DLMYs) in thousands of Man Years, to the nearest tenth, e.g. 32.2 K DLMYs.
4. Core workloads are to be calculated in accordance with the Office of the Under Secretary of Defense (Logistics) (OUSD(L)) Memorandum dated 15 November 1993 (subject: "Policy for Maintaining Core Depot Maintenance Capability"). Core workload includes all Core work performed for other Military Departments.

If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.

This document has been prepared in WordPerfect 5.1/5.2.

Note: The Box below breaks out Defense Department Depot Maintenance and Industrial activities by Commodity Groups for further assessment. The highlighted items have been incorporated into this Data Call. If your activities perform work in any other area, please include such workload and so annotate your Data Call response.

JCSG-DM: Maintenance and Industrial Activities

Commodity Groups List

- | | |
|---|---|
| <p>1. Aircraft Airframes:
 Rotary
 VSTOL
 Fixed Wing
 Transport / Tanker / Bomber /
 Command and Control
 Light Combat
 Admin / Training
 Other</p> <p>2. Aircraft Components
 Dynamic Components
 Aircraft Structures
 Hydraulic/Pneumatic
 Instruments
 Landing Gear
 Aviation Ordnance
 Avionics/Electronics
 APUs
 Other</p> <p>3. Engines (Gas Turbine)
 Aircraft
 Ship
 Tank
 Blades / Vanes (Type 2)</p> <p>4. Missiles and Missile Components
 Strategic
 Tactical / MLRS</p> <p>5. Amphibians
 Vehicles
 Components (less GTE)</p> <p>6. Ground Combat Vehicles
 Self-propelled
 Tanks
 Towed Combat Vehicles
 Components (less GTE)</p> | <p>7. Ground and Shipboard Communications
 and Electronic Equipment Radar
 Radio Communications
 Wire Communications
 Electronic Warfare
 Navigational Aids
 Electro-Optics / Night Vision
 Satellite Control / Space Sensors</p> <p>8. Automotive / Construction Equipment</p> <p>9. Tactical Vehicles
 Tactical Automotive Vehicles
 Components</p> <p>10. Ground General Purpose Items
 Ground Support Equipment (except
 aircraft)
 Small Arms / Personal Weapons
 Munitions / Ordnance
 Ground Generators
 Other</p> <p>11. Sea Systems
 Ships
 Weapons Systems</p> <p>12. Software
 Tactical Systems
 Support Equipment</p> <p>13. Special Interest Items
 Bearings Refurbishment
 Calibration (Type I)
 TMDE</p> <p>14. Other</p> |
|---|---|

**CAPACITY ANALYSIS DATA CALL
NAVAL SHIPYARDS
and
SHIP REPAIR FACILITIES**

Questions for the Owner / Operator

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Table of Acronyms

ADMIN	Administration; administrative	N / A	Not Applicable
AICUZ	Air Installations Compatible Use Zone	NAVAID	Aid to Navigation
CCN	Category Code Number	NDT	?
CGN	Cruiser (nuclear propulsion)	NSYD	Naval Shipyard
CHT	Collection, Holding & Transfer	Nuc	Nuclear (Propulsion)
CIA	Controlled Industrial Area	OOS	Out of Service
COH	Complex Overhaul	OPW	Other Productive Work
Conv	Conventional (Propulsion)	PIA	Phased Incremental Availability
CV	Aircraft Carrier (conventional propulsion)	PM	Phased Maintenance
CVN	Aircraft Carrier (nuclear propulsion)	PMA	Phased Maintenance Availability
		POM	Program Objective Memorandum
		PSI	Pounds per square inch
		QA	Quality Assurance
DLMY	Direct Labor Man Years	RADCON	Radiological Control
DMP	Depot Modernization Period	RATA	Restricted Availability / Technical Availability
DPIA	Docking Phased Incremental Availability	RCOH	Refueling Complex Overhaul
DPMA	Drydocking Phased Maintenance Availability	RFOH	Refueling Regular Overhaul
DSRA	Drydocking Selected Restricted Availability	ROH	Regular Overhaul
E-O/NV	Electro-Optics / Night Vision	RO/RO	Roll On / Roll Off
EDSR	Engineered Docking Selected Restricted Availability	SCO	Service Craft Overhaul
EOH	Engineered Overhaul	SC/SS	Satellite Control / Space Systems
ERO	Engineered Refueling Overhaul	SF	Square Feet
ERP	Extended Refit Period	SRA	Selected Restricted Availability
ESQD	Explosive Safety Quantity Distance	SRF	Ship Repair Facility
ESRA	Engineered Selected Restricted Availability	SSBN	Ballistic Missile Submarine (nuclear propulsion)
EW	Electronic Warfare	SSN	Attack Submarine (nuclear propulsion)
FY	Fiscal Years	Svc	Services
GP	General Purpose	UIC	Unit Identification Code
GPD	Gallons per Day		
HERF	Hazardous Electronic Radiation - Fuel		
HERO	Hazardous Electronic Radiation - Ordnance		
HERP	Hazardous Electronic Radiation - Personnel		
INACT	Inactivation		
IPE	Industrial Plant Equipment		
KSF	Thousands of Square Feet		
KVA	Kilo Volts Amperes		
Mech	Machanical		
MILCON	Military Construction		
MLLW	Mean Low Low Water		

**DATA CALL FOR CAPACITY ANALYSES
NAVAL SHIPYARDS and SHIP REPAIR FACILITIES**

General Questions for the Major Owner/Operator (Headquarters Level)

Primary UIC: 62586

(Use the number for Activity identification at the top of each page.)

Workload Requirements

1. Naval Shipwork Performance

1.1 What percent of the total annual depot level work on naval vessels is performed by commercial manufacturers (all appropriations)? Include in the Comments entry the breakout by appropriation type.

Table 1.1: Commercial Performance of Naval Shipwork

Type of Workload	Percent (%)	Amount (\$ K)	Comments
<i>FY 1986</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1987</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1988</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1989</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1990</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
Table 1.1 continued on next page			

1. Naval Shipwork Performance, continued

Table 1.1: Commercial Performance of Naval Shipwork, continued

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1991</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1992</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1993</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1994</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1995</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1996</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1997</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
Table 1.1 concluded next page			

I. Naval Shipwork Performance, continued

Table 1.1: Commercial Performance of Naval Shipwork, concluded

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1998</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 1999</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 2000</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE
<i>FY 2001</i> Nuclear Shipwork	0	0	NONE
NonNuclear Shipwork	0	0	NONE

I. Naval Shipwork Performance, continued

1.2 What percent of the total annual depot level work on naval vessels is performed within DoD (non-DoN) (all appropriations)? Break out individual Military Departments and/or Defense Agencies within each entry as necessary for the years requested in the Tables.

Table 1.2: Non-DoN DoD Performance of Naval Shipwork

Type of Workload	Performed by (Non-DoN DOD Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1986</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1987</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1988</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1989</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1990</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
Table 1.2 continued on next page				

I. Naval Shipwork Performance, continued

Table 1.2: Non-DoN DoD Performance of Naval Shipwork, continued

Type of Workload	Performed by (Non-DoN DoD Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1991</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1992</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1993</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1994</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1995</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1996</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1997</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
Table 1.2 concluded on next page				

I. Naval Shipwork Performance, continued

Table 1.2: Non-DoN DoD Performance of Naval Shipwork, concluded

Type of Workload	Performed by (Commercial Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1998</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1999</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 2000</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 2001</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE

1. Naval Shipwork Performance, continued

1.3 What percent of the total annual depot level work on naval vessels is performed within DoN but external to the Naval Shipyards (all appropriations)? Break out individual claimancies/ commands within each entry as necessary for the years requested in the Tables.

Table 1.3: Non-Shipyard DoN Performance of Naval Shipwork

Type of Workload	Performed by (Non-NSYD DoN Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1986</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1987</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1988</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1989</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1990</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
Table 1.3 continued on next page				

I. Naval Shipwork Performance, continued

Table 1.3: Non-Shipyard DoN Performance of Naval Shipwork, continued

Type of Workload	Performed by (Non-NSYD DoN Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1991</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1992</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1993</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1994</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1995</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1996</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1997</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
Table 1.3 concluded on next page				

I. Naval Shipwork Performance, continued

Table 1.3: Non-Shipyard DoN Performance of Naval Shipwork, concluded

Type of Workload	Performed by (Non-NSYD DoN Entity):	Percent (%)	Amount (\$K)	Comments
<i>FY 1998</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 1999</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 2000</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE
<i>FY 2001</i> Nuclear Shipwork	NONE	0	0	NONE
NonNuclear Shipwork	NONE	0	0	NONE

I. Naval Shipwork Performance, continued

1.4 What percent of the total annual depot level work on naval vessels is performed within the complex of naval shipyards/ship repair facilities (all appropriations) for the years requested in the Tables? Total the workload performed by the Naval Shipyards (NSYDs) and Ship Repair Facilities (SRFs). Include in the comments the breakout between the workload performed by NSYDs and SRFs.

Table 1.4: NSYD/SRF Performance of Naval Shipwork

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1986</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	43,242	SRF, GUAM
<i>FY 1987</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	46,905	SRF, GUAM
<i>FY 1988</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	56,949	SRF, GUAM
<i>FY 1989</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	50,632	SRF, GUAM
<i>FY 1990</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	55,706	SRF, GUAM
Table 1.4 continued on next page			

1. Naval Shipwork Performance, continued

Table 1.4: NSYD/SRF Performance of Naval Shipwork, continued

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1991</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	65,089	SRF, GUAM
<i>FY 1992</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	57,712	SRF, GUAM
<i>FY 1993</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	50,335	SRF, GUAM
<i>FY 1994</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	32,069	SRF, GUAM
<i>FY 1995</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	32,069	SRF, GUAM
<i>FY 1996</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	32,069	SRF, GUAM
<i>FY 1997</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	32,069	SRF, GUAM
Table 1.4 concluded on next page			

I. Naval Shipwork Performance, continued

Table 1.4: NSYD/SRF Performance of Naval Shipwork, concluded

Type of Workload	Percent (%)	Amount (\$K)	Comments
<i>FY 1998</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	32,069	SRF, GUAM
<i>FY 1999</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	32,069	SRF, GUAM
<i>FY 2000</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	32,069	SRF, GUAM
<i>FY 2001</i> Nuclear Shipwork	0	0	N/A
NonNuclear Shipwork	100	32,069	SRF, GUAM

Workload Performance, continued**2. Workload Summaries**

2.1 Identification of Work Packages. For each class of vessel listed below, identify all work packages (as specified in Sections 1 through 28 of the Shipyards/Ship Repair Facility Capacity Data Calls) which apply to that class under its prescribed maintenance cycle. Of those applicable work packages, list in the middle column any which are Core workload. Include in your Comments the number of hulls for each class which comprise Core workload. Add additional workload at the end of Table 2.1b as necessary to completely capture the Core Work.

Table 2.1.a: **Identification of Work Packages**

Class of Vessel	Applicable Work Packages	Core Work Packages	Comments
SSBN 726	0	0	
SSN 688	0	0	
SSN 21	0	0	
CVN 68	0	0	
CV 62	0	0	
AD 41	0	0	
AOE 1	0	0	
AOE 6	0	0	
ARS 50	0	0	
AS 36/39	0	0	
LCC 19	0	0	
LCC 20	0	0	
LPD 4	0	0	
LPH 2	0	0	
LSD 36	0	0	
LSD 41	0	0	
MCM 1 / MCS 12 / MHC 51	0	0	

2. Workload Summaries, continued

Table 2.1.b: Identification of Work Packages

Class of Vessel	Applicable Work Packages	Core Work Packages	Comments
AFB/AFDL/ AFDM/ARDM	2	0	AFDM-5 & AFDM-8
NR-1	0	0	
AGF 3	0	0	
AGF 11	0	0	
CG 47	0	0	
DD 963	0	0	
DDG 51	0	0	
DDG 993	0	0	
FFG 7	0	0	
LHA 1	0	0	
LHD 1	0	0	
CGN 38	0	0	
T-AFS 1	16	0	T-AFS 1, 3, 7, 9; 12 SRA'S & 4 ROH'S
T-ATF 167	12	0	T-ATF 167, 168, 171; 9 SRA'S & 3 ROH'S
T-AE 26	4	0	T-AE 26; 3 SRA'S & 1 ROH

2.2 Core/Maximum Potential Workload Variance. Identify the total Core naval shipwork in Direct Labor Man Years (DLMYs) by event for the FYs requested in Tables 2.2.a-g below. Compile the information from Section 31 of the Shipyard/Ship Repair Facility Activity Capacity Data Calls to complete the Maximum Potential Workload column. Calculate the variance for each event to complete these Tables.

2. Workload Summaries, continued

Table 2.2.a1: Core/Maximum Potential Workload Variance for FY 1995

EVENT	FY 1995	Core Workload	Maximum Potential Workload	Variance
CVN COH		0	0	0
CVN RCOH		0	0	0
CVN DSRA		0	0	0
CVN EDSR		0	0	0
CVN DPIA		0	0	0
CVN SRA		0	0	0
CVN ESRA		0	0	0
CVN PIA		0	0	0
SSBN INACT		0	0	0
SSBN ERP		0	0	0
SSBN ROH / RFOH		0	0	0
SSBN EOH / ERO		0	0	0
SSN INACT		0	0	0
SSN ROH / RFOH		0	0	0
SSN EOH / ERO		0	0	0
SSN DSRA		0	0	0
SSN DMP		0	0	0
CGN INACT		0	0	0
CGN COH/RCOH		0	0	0
CGN DSRA/SRA		0	0	0
Table 2.2.a1 Total		0	0	0

2. Workload Summaries, continued

Table 2.2.a2: Core/Maximum Potential Workload Variance for FY 1995

EVENT		FY 1995	Core Workload	Maximum Potential Workload	Variance
Non Nuclear ROH			0	92	92
Non Nuclear COH			0	0	0
Non Nuclear DPMA			0	0	0
Non Nuclear PMA			0	0	0
Non Nuclear DSRA			0	0	0
Non Nuclear SRA			0	58	58
Non Nuclear SCO			0	146.5	146.5
Other INACTs			0	0	0
OPW:	Nuclear		0	0	0
	NonNuclear		0	121.2	121.5
RATA	Nuclear		0	0	0
	NonNuclear		0	32	32
Table 2.2.a2 Total			0	449.7	449.7
Table 2.2.a1 Total			0	0	0
FY 1995 Total			0	449.7	449.7

2. Workload Summaries, continued

Table 2.2.b1: Core/Maximum Potential Workload Variance for FY 1996

EVENT	FY 1996	Core Workload	Maximum Potential Workload	Variance
CVN COH		0	0	0
CVN RCOH		0	0	0
CVN DSRA		0	0	0
CVN EDSR		0	0	0
CVN DPIA		0	0	0
CVN SRA		0	0	0
CVN ESRA		0	0	0
CVN PIA		0	0	0
SSBN INACT		0	0	0
SSBN ERP		0	0	0
SSBN ROH / RFOH		0	0	0
SSBN EOH / ERO		0	0	0
SSN INACT		0	0	0
SSN ROH / RFOH		0	0	0
SSN EOH / ERO		0	0	0
SSN DSRA		0	0	0
SSN DMP		0	0	0
CGN INACT		0	0	0
CGN COH/RCOH		0	0	0
CGN DSRA/SRA		0	0	0
Table 2.2.b1 Total		0	0	0

2. Workload Summaries, continued

Table 2.2.b2: Core/Maximum Potential Workload Variance for FY 1996

EVENT		FY 1996	Core Workload	Maximum Potential Workload	Variance
Non Nuclear ROH			0	162	162
Non Nuclear COH			0	0	0
Non Nuclear DPMA			0	0	0
Non Nuclear PMA			0	0	0
Non Nuclear DSRA			0	0	0
Non Nuclear SRA			0	96	96
Non Nuclear SCO			0	15.4	15.4
Other INACTs			0	0	0
OPW:	Nuclear		0	0	0
	NonNuclear		0	144.6	144.6
RATA	Nuclear		0	0	0
	NonNuclear		0	32	32
Table 2.2.b2 Total			0	450	450
Table 2.2.b1 Total			0	0	0
FY 1996 Total			0	450	450

2. Workload Summaries, continued

Table 2.2.c1: Core/Maximum Potential Workload Variance for FY 1997

EVENT	FY 1997	Core Workload	Maximum Potential Workload	Variance
CVN COH		0	0	0
CVN RCOH		0	0	0
CVN DSRA		0	0	0
CVN EDSR		0	0	0
CVN DPIA		0	0	0
CVN SRA		0	0	0
CVN ESRA		0	0	0
CVN PIA		0	0	0
SSBN INACT		0	0	0
SSBN ERP		0	0	0
SSBN ROH / RFOH		0	0	0
SSBN EOH / ERO		0	0	0
SSN INACT		0	0	0
SSN ROH / RFOH		0	0	0
SSN EOH / ERO		0	0	0
SSN DSRA		0	0	0
SSN DMP		0	0	0
CGN INACT		0	0	0
CGN COH/RCOH		0	0	0
CGN DSRA/SRA		0	0	0
Table 2.2.c1 Total		0	0	0

2. Workload Summaries, continued

Table 2.2.c2: Core/Maximum Potential Workload Variance for FY 1997

EVENT	FY 1997	Core Workload	Maximum Potential Workload	Variance
Non Nuclear ROH		0	162	162
Non Nuclear COH		0	0	0
Non Nuclear DPMA		0	0	0
Non Nuclear PMA		0	0	0
Non Nuclear DSRA		0	0	0
Non Nuclear SRA		0	98	98
Non Nuclear SCO		0	15.4	15.4
Other INACTs		0	0	0
OPW:	Nuclear	0	0	0
	NonNuclear	0	142.6	142.6
RATA	Nuclear	0	0	
	NonNuclear	0	32	32
Table 2.2.c2 Total		0	450	450
Table 2.2.c1 Total		0	0	0
FY 1997 Total		0	450	450

2. Workload Summaries, continued

Table 2.2.d1: Core/Maximum Potential Workload Variance for FY 1998

EVENT	FY 1998	Core Workload	Maximum Potential Workload	Variance
CVN COH		0	0	0
CVN RCOH		0	0	0
CVN DSRA		0	0	0
CVN EDSR		0	0	0
CVN DPIA		0	0	0
CVN SRA		0	0	0
CVN ESRA		0	0	0
CVN PIA		0	0	0
SSBN INACT		0	0	0
SSBN ERP		0	0	0
SSBN ROH / RFOH		0	0	0
SSBN EOH / ERO		0	0	0
SSN INACT		0	0	0
SSN ROH / RFOH		0	0	0
SSN EOH / ERO		0	0	0
SSN DSRA		0	0	0
SSN DMP		0	0	0
CGN INACT		0	0	0
CGN COH/RCOH		0	0	0
CGN DSRA/SRA		0	0	0
Table 2.2.d1 Total		0	0	0

2. Workload Summaries, continued

Table 2.2.d2: Core/Maximum Potential Workload Variance for FY 1998

EVENT	FY 1998	Core Workload	Maximum Potential Workload	Variance
Non Nuclear ROH		0	81	81
Non Nuclear COH		0	0	0
Non Nuclear DPMA		0	0	0
Non Nuclear PMA		0	0	0
Non Nuclear DSRA		0	0	0
Non Nuclear SRA		0	134	134
Non Nuclear SCO		0	15.4	15.4
Other INACTs		0	0	0
OPW:	Nuclear	0	0	0
	NonNuclear	0	187.6	187.6
RATA	Nuclear	0	0	0
	NonNuclear	0	32	32
Table 2.2.d2 Total		0	450	450
Table 2.2.d1 Total		0	0	0
FY 1998 Total		0	450	450

2. Workload Summaries, continued

Table 2.2.e1: Core/Maximum Potential Workload Variance for FY 1999

EVENT	FY 1999	Core Workload	Maximum Potential Workload	Variance
CVN COH		0	0	0
CVN RCOH		0	0	0
CVN DSRA		0	0	0
CVN EDSR		0	0	0
CVN DPIA		0	0	0
CVN SRA		0	0	0
CVN ESRA		0	0	0
CVN PIA		0	0	0
SSBN INACT		0	0	0
SSBN ERP		0	0	0
SSBN ROH / RFOH		0	0	0
SSBN EOH / ERO		0	0	0
SSN INACT		0	0	0
SSN ROH / RFOH		0	0	0
SSN EOH / ERO		0	0	0
SSN DSRA		0	0	0
SSN DMP		0	0	0
CGN INACT		0	0	0
CGN COH/RCOH		0	0	0
CGN DSRA/SRA		0	0	0
Table 2.2.e1 Total		0	0	0

2. Workload Summaries, continued

Table 2.2.e2: Core/Maximum Potential Workload Variance for FY 1999

EVENT		FY 1999	Core Workload	Maximum Potential Workload	Variance
Non Nuclear ROH			0	165	165
Non Nuclear COH			0	0	0
Non Nuclear DPMA			0	0	0
Non Nuclear PMA			0	0	0
Non Nuclear DSRA			0	0	0
Non Nuclear SRA			0	76	76
Non Nuclear SCO			0	15.4	15.4
Other INACTs			0	0	0
OPW:	Nuclear		0	0	0
	NonNuclear		0	161.6	161.6
RATA	Nuclear		0	0	0
	NonNuclear		0	32	32
Table 2.2.e2 Total			0	450	450
Table 2.2.e1 Total			0	0	0
FY 1999 Total			0	450	450

2. Workload Summaries, continued

Table 2.2.f1: Core/Maximum Potential Workload Variance for FY 2000

EVENT	FY 2000	Core Workload	Maximum Potential Workload	Variance
CVN COH		0	0	0
CVN RCOH		0	0	0
CVN DSRA		0	0	0
CVN EDSR		0	0	0
CVN DPIA		0	0	0
CVN SRA		0	0	0
CVN ESRA		0	0	0
CVN PIA		0	0	0
SSBN INACT		0	0	0
SSBN ERP		0	0	0
SSBN ROH / RFOH		0	0	0
SSBN EOH / ERO		0	0	0
SSN INACT		0	0	0
SSN ROH / RFOH		0	0	0
SSN EOH / ERO		0	0	0
SSN DSRA		0	0	0
SSN DMP		0	0	0
CGN INACT		0	0	0
CGN COH/RCOH		0	0	0
CGN DSRA/SRA		0	0	0
Table 2.2.f1 Total		0	0	0

2. Workload Summaries, continued

Table 2.2.f2: Core/Maximum Potential Workload Variance for FY 2000

EVENT		FY 2000	Core Workload	Maximum Potential Workload	Variance
Non Nuclear ROH			0	173	173
Non Nuclear COH			0	0	0
Non Nuclear DPMA			0	0	0
Non Nuclear PMA			0	0	0
Non Nuclear DSRA			0	0	0
Non Nuclear SRA			0	76	76
Non Nuclear SCO			0	15.4	15.4
Other INACTs			0	0	0
OPW:	Nuclear		0	0	0
	NonNuclear		0	153.6	153.6
RATA	Nuclear		0	0	0
	NonNuclear		0	32	32
Table 2.2.f2 Total			0	450	450
Table 2.2.f1 Total			0	0	0
FY 2000 Total			0	450	450

2. Workload Summaries, continued

Table 2.2.g1: Core/Maximum Potential Workload Variance for FY 2001

EVENT	FY 2001	Core Workload	Maximum Potential Workload	Variance
CVN COH		0	0	0
CVN RCOH		0	0	0
CVN DSRA		0	0	0
CVN EDSR		0	0	0
CVN DPIA		0	0	0
CVN SRA		0	0	0
CVN ESRA		0	0	0
CVN PIA		0	0	0
SSBN INACT		0	0	0
SSBN ERP		0	0	0
SSBN ROH / RFOH		0	0	0
SSBN EOH / ERO		0	0	0
SSN INACT		0	0	0
SSN ROH / RFOH		0	0	0
SSN EOH / ERO		0	0	0
SSN DSRA		0	0	0
SSN DMP		0	0	0
CGN INACT		0	0	0
CGN COH/RCOH		0	0	0
CGN DSRA/SRA		0	0	0
Table 2.2.g1 Total		0	0	0

2. Workload Summaries, continued

Table 2.2.g2: Core/Maximum Potential Workload Variance for FY 2001

EVENT		<i>FY 2001</i>	Core Workload	Maximum Potential Workload	Variance
Non Nuclear ROH			0	162	162
Non Nuclear COH			0	0	0
Non Nuclear DPMA			0	0	0
Non Nuclear PMA			0	0	0
Non Nuclear DSRA			0	0	0
Non Nuclear SRA			0	96	96
Non Nuclear SCO			0	15.4	15.4
Other INACTs			0	0	0
OPW:	Nuclear		0	0	0
	NonNuclear		0	144.6	144.6
RATA	Nuclear		0	0	0
	NonNuclear		0	32	32
Table 2.2.g2 Total			0	450	450
Table 2.2.g1 Total			0	0	0
FY 2001 Total			0	450	450

Features and Capabilities

3. Contingency and Mobilization Features

3.1 Identify the capability of all active and certified graving drydocks at each naval shipyard, using the projected FY 2001 active force composition, by checking the appropriate box in the following tables. Use the "Other" columns in Table 3.1.b1 to identify any naval graving docks additional to those listed and append details.

Table 3.1.a1: Naval Drydock Capabilities
(N/A) (N/A) (N/A)

DD# Class of Vessel	Long Beach			Norfolk					Pearl Harbor			
	1	2	3	1	2	3	4	8	1	2	3	4
SSBN 726												
SSN 688												
SSN 21												
CVN 68												
CV 62												
AD 41												
AOE 1												
AOE 6												
ARS 50												
AS 36/39												
LCC 19												
LCC 20												
LPD 4												
LPH 2												
LSD 36												
LSD 41												
MCM 1												
MCS												
MHC 51												

3. Contingency and Mobilization Features, continued

Table 3.1.a2: Naval Drydock Capabilities
 (N/A) (N/A) (N/A)

DD# Class of Vessel	Long Beach			Norfolk					Pearl Harbor			
	1	2	3	1	2	3	4	8	1	2	3	4
AFB/AFDL/ AFDM/ARDM												
NR-1												
AGF 3												
AGF 11												
CG 47												
DD 963												
DDG 51												
DDG 993												
FFG 7												
LHA 1												
LHD 1												
CGN 38												

3. Contingency and Mobilization Features, continued

Table 3.1.b1: Naval Drydock Capabilities
(N/A) (N/A)

DD# Class of Vessel	Portsmouth			Puget Sound						OTHER SRF, GUAM
	1	2	3	1	2	3	4	5	6	AFDM-8
SSBN 726										
SSN 688										X
SSN 21										
CVN 68										
CV 62										
AD 41										X
AOE 1										
AOE 6										
ARS 50										X
AS 36/39										X
LCC 19										
LCC 20										
LPD 4										X
LPH 2										
LSD 36										X
LSD 41										X
MCM 1										X
MCS										
MHC 51										X

3. Contingency and Mobilization Features, continued

Table 3.1.b1: Naval Drydock Capabilities

DD#	Portsmouth			Puget Sound						Other	
	1	2	3	1	2	3	4	5	6	AFDM-8	
Class of Vessel											
AFB/AFDL/ AFDM/ARDM											X
NR-1											X
AGF 3											X
AGF 11											X
CG 47											
DD 963											X
DDG 51											X
DDG 993											X
FFG 7											X
LHA 1											
LHD 1											
CGN 38											

ACTIVITY LISTING:

Type	Title	Location
Naval Shipyard	NSYD LONG BEACH	Long Beach CA
Naval Shipyard	NSYD NORFOLK	Portsmouth VA
Naval Shipyard	NSYD PEARL HARBOR	Pearl Harbor HI
Naval Shipyard	NSYD PORTSMOUTH	Kittery ME
Naval Shipyard	NSYD PUGET SOUND	Bremerton WA
Naval Ship Repair Facility	SRF GUAM	Guam

HEADQUARTERS LISTING:

For Type	Title
Naval Shipyard	Commander, Naval Sea Systems Command
Navy Ship Repair Facility	Commander in Chief, Pacific Fleet

BRAC-95 CERTIFICATION

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

ALAN B. LERCHBACKER
NAME (Please type or print)

Signature *Alan B. Lerchbacker*

EXECUTIVE OFFICER
Title Date

18 MAY 94

PRODUCTION OFFICER
Division

PRODUCTION OFFICER
Department

SRF GUAM
Activity

REPRODUCED AT GOVERNMENT EXPENSE

BRAC-95 CERTIFICATION

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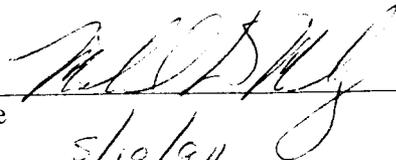
Michael D Mahaney
NAME (Please type or print)

Staff Civil Engineer

Title

Date

Signature


5/19/94

Public Works Dept.

Division

Department

SRF, Guam

Activity

Enclosure (1)

BRAC-95 CERTIFICATION

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

JOSEPH TELJEIRO

NAME (Please type or print)
Ship

Industrial Specialist

Title

Fleet Maintenance

Division

N432JT

Department

CINCPACFLT

Activity

Joseph Teljeiro
Signature

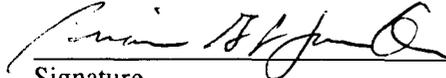
5/25/94
Date

Enclosure (2)

BRAC-95 CERTIFICATION

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

BRIAN JIM ON
NAME (Please type or print)
Supervisor
General Engineer
Title


Signature
5/25/94
Date

Fleet Maintenance
Division

N432BJ
Department

CINCPACFLT
Activity

Enclosure (2)

BRAC-95 CERTIFICATION

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

ROBERT L. SARACCO
NAME (Please type or print)
Deputy Management
Industrial Engineer
Title

Robert L. Saracco
Signature
5/26/94
Date

Fleet Maintenance
Division

N432A
Department

CINCPACFLT
Activity

BRAC-95 CERTIFICATION

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

G. R. PATCH
NAME (Please type or print)
Asst Fleet
Maintenance Officer
Title

G. R. Patch
Signature
26 May 94
Date

Fleet Maintenance
Division
N431
Department
CINCPACFLT
Activity

Enclosure (2)

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

J. L. CUZZOCREA
NAME (Please type or print)

Signature



COMMANDING OFFICER
Title

Date

18 MAY 1994

U.S. NAVAL SHIP REPAIR FACILITY, GUAM
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)

M. T. COYLE
NAME (Please type or print)
Deputy Chief of Staff
for Fleet Maintenance
Title
CINCPACFLT
Activity

M.T. Coyle
Signature
5/26/94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Title

Activity

Signature

Date

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)

Title

Activity

Signature

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)**

NAME (Please type or print)

Title

Signature

Date

BRAC-95 CERTIFICATION DATA CALL NINE

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

MAJOR CLAIMANT LEVEL

R. J. KELLY
NAME (Please type or print)

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


Signature

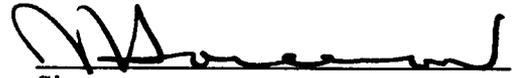
June 10, 1994
Date

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)

R. R. SAREERAM
NAME (Please type or print)

ACTN6
Title


Signature

28 JUN 1994
Date

111

ACTIVITY: N65888
NORTH ISLAND

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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Instructions for TAB B

A. Definitions

Special Facilities/Equipment Resources. Include a copy of the form provided at Tab B of this data call for each conventional (non-nuclear) facility and "major" piece of equipment located at this activity. Include information on separate detachments. The following definitions will apply:

Facilities will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Additionally, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or war-gaming capabilities, as appropriate.

Equipment includes resources used to support the operation of the site with a replacement value of \$500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment.

Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets.

B. Instructions

1. Complete Tab B for each piece of identified conventional facilities and equipment (as defined above) supporting all Functional Support Areas (products) marked in the matrix (Tab A, Tables 1.a-1.h).

2. Where appropriate, pieces of equipment may be aggregated for the purposes of completing Tab B. For example, inside shop

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NORTH ISLAND

equipment may be consolidated as a shop facility; cranes, special hull treatment enclosures, portable test equipment, etc.

3. Do not list drydocks as a facility or an equipment..

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ALL INFORMATION IN TAB B
CERTIFIED BY NADEP

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NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Automated Storage Kitting and Retrieval System (ASKARS) Material Handling System

1. State the primary purpose(s) of the facility/equipment.

Automated Storage of aircraft parts, components and consumable materials.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 4,600,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = Unknown Cube = 200,000 cubic feet
100' x 50' x 40'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Special Fire Protection

ACTIVITY: N65888
NORTH ISLAND

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Extremely difficult to replicate. Impact to DoN would be severe since items stored are vital to ongoing operation and maintenance of aircraft and related fleet support.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

1983 by contract. Site built.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

65% - Number of storage locations used divided by number of locations.

11,050 Used divided by 17,000 Locations

12. Provide the projected utilization data out to FY 1997.

70%

13. What is the approximate number of personnel used to operate the facility/equipment?

Nine

14. What is the approximate number of personnel needed to maintain the equipment?

0.5 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Document Separator



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NORTH ISLAND

INSERT PHOTO

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NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Robotic Plasma Spray

1. State the primary purpose(s) of the facility/equipment.

For computer controlled application of metal/ceramic coatings on various components using thermal/plasma spray process.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1.5M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 40,000 pounds Cube = 7,200 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Argon, hydrogen, helium, oxygen and acetylene.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

System also comprises a rotoclone wet dust collector permitted by San Diego County Air Pollution Control District (SDCAPCD).

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Difficult to relocate. System installation comprises a vast interconnection and assembly of major/heavy components laid out in a precise manner. Electrical interconnection is also extensive and complex.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

System was transported using five large tractor trailers (11/88). Assembled by NADEP Riggers, Maintenance Machinists, Sheetmetal and Electricians, under guidance of contractor technical representative. Completed 06/89.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

50% - Hours Utilized divided by Hours Available (Single Shift).

20 divided by 40 equals 50%

12. Provide the projected utilization data out to FY 1997.

50%

13. What is the approximate number of personnel used to operate the facility/equipment?

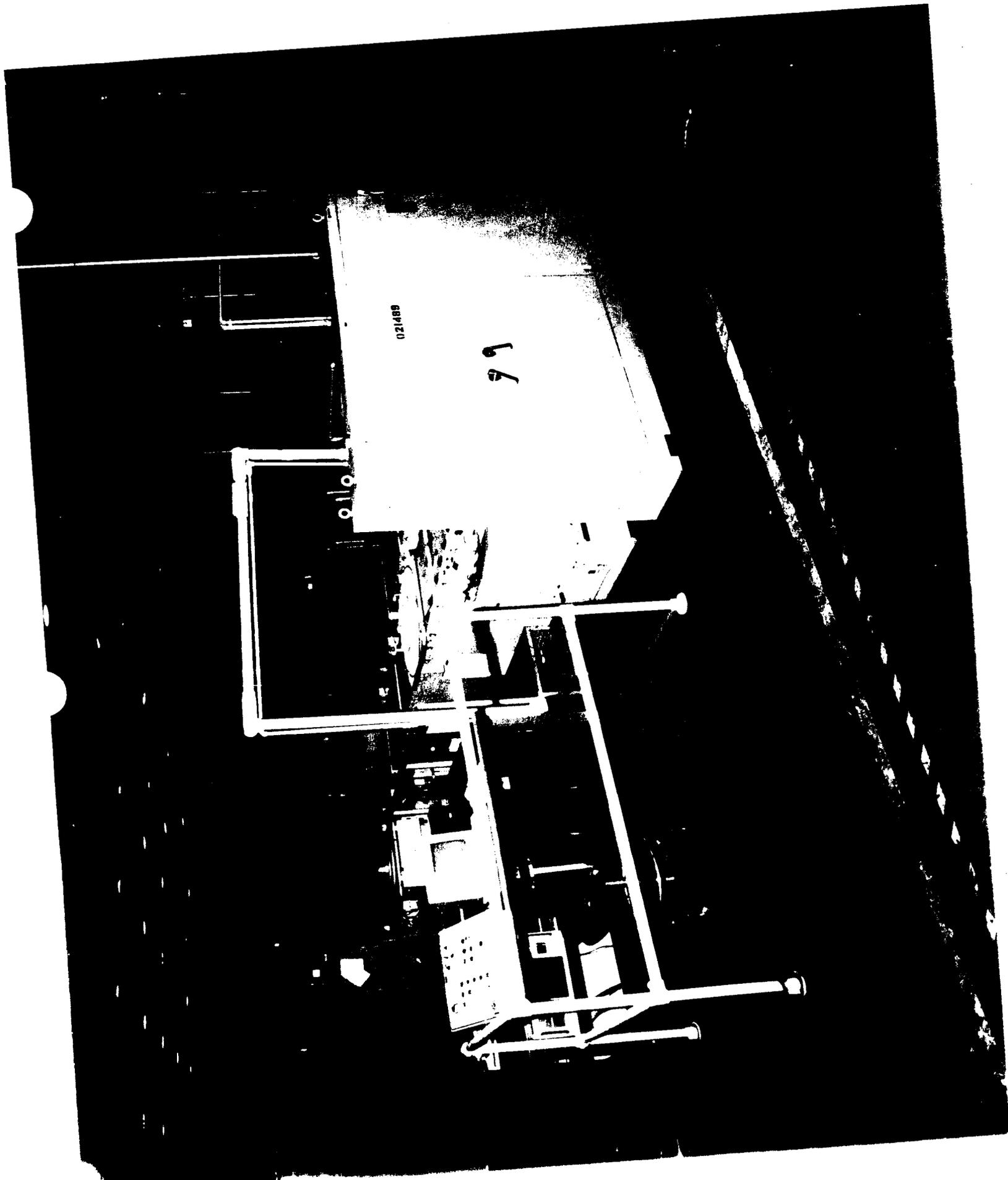
Two

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

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NORTH ISLAND

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NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Helicopter Blade Test Facility

1. State the primary purpose(s) of the facility/equipment.

Dynamic balance and test facility/equipment which consists of a control building, spin tower and safety barrier. Test capability includes H-2, H-3, H-34, H-46, H-53 and H-60 helicopter blades.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 3,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = N/A Cube = 469,000 cubic feet
(Includes Safety Barrier Perimeter)

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Electrical required for 3,000 horse power synchronized drive motor.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

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NORTH ISLAND

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Limited number of dynamic helicopter blade test facilities throughout DoD and commercial activities.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Constructed over 30 years ago. Details not available.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

50% - Hours of Operations divided by 40 hours per shift for 5 workdays.

12. Provide the projected utilization data out to FY 1997.

40%

13. What is the approximate number of personnel used to operate the facility/equipment?

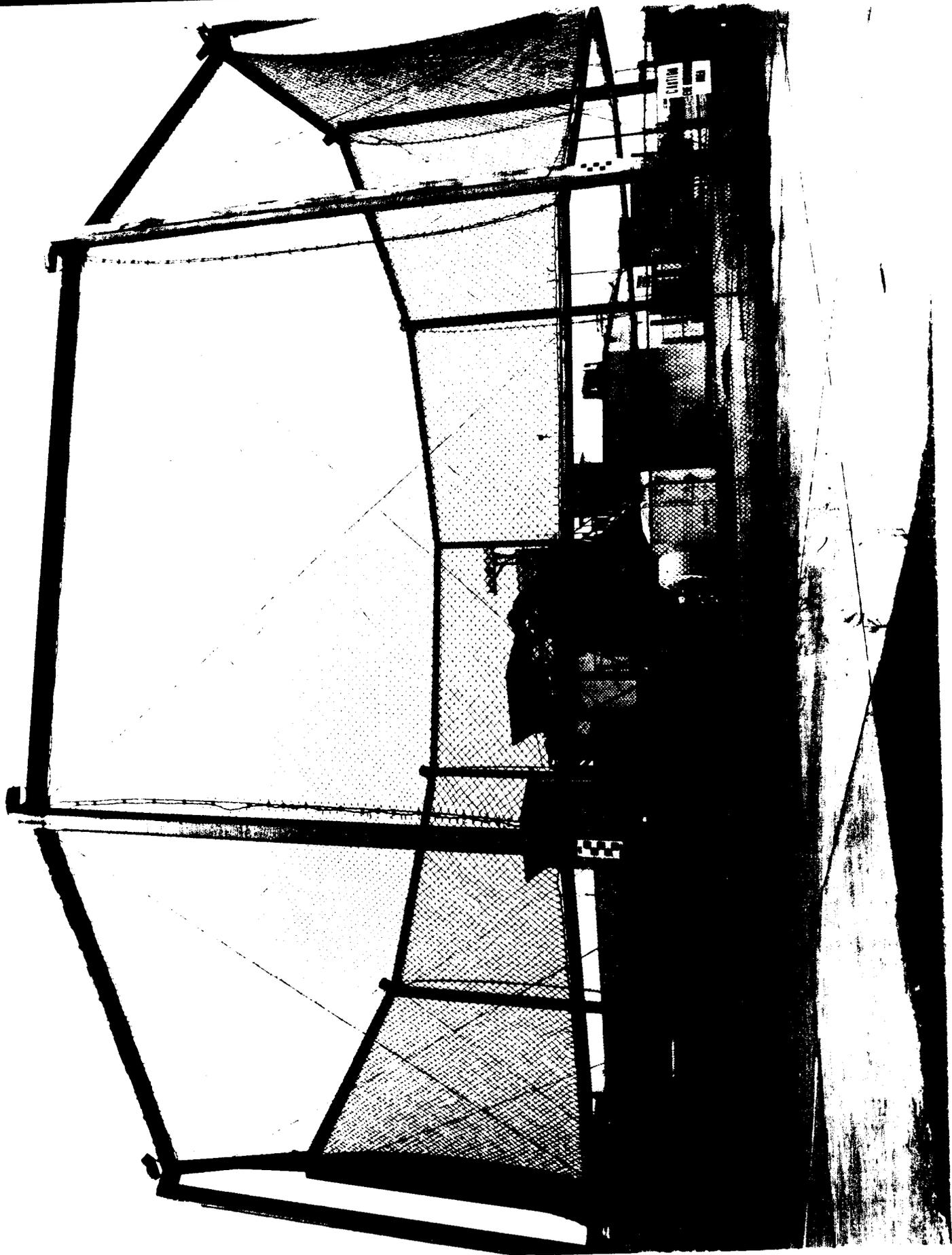
Two

14. What is the approximate number of personnel needed to maintain the equipment?

0.5 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

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ACTIVITY: N65888
NORTH ISLAND

INSERT PHOTO

Document Separator

ACTIVITY: N65888
NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Large Engine Test Cells

1. State the primary purpose(s) of the facility/equipment.

Final acceptance of LM2500 shipboard gas turbine engine.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 13,200,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = N/A Cube = 1,310,000 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Fuel tanks and distribution for engine test high pressure, high flow rate compressed air for engine start.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Carbon Dioxide Fire Protection System

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Permitted through San Diego County Air Pollution Control District (SDCAPCD).

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Thrust adapters, overhead thrust stand and automated test control and data acquisition system. Only engine test cells for LM2500 in DoD.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Military Construction and Special project for overhead thrust bed installation. Acquired in 1969, improved by MILCON in 1982.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Surface ship Repair.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Not available.

12. Provide the projected utilization data out to FY 1997.

Not available.

13. What is the approximate number of personnel used to operate the facility/equipment?

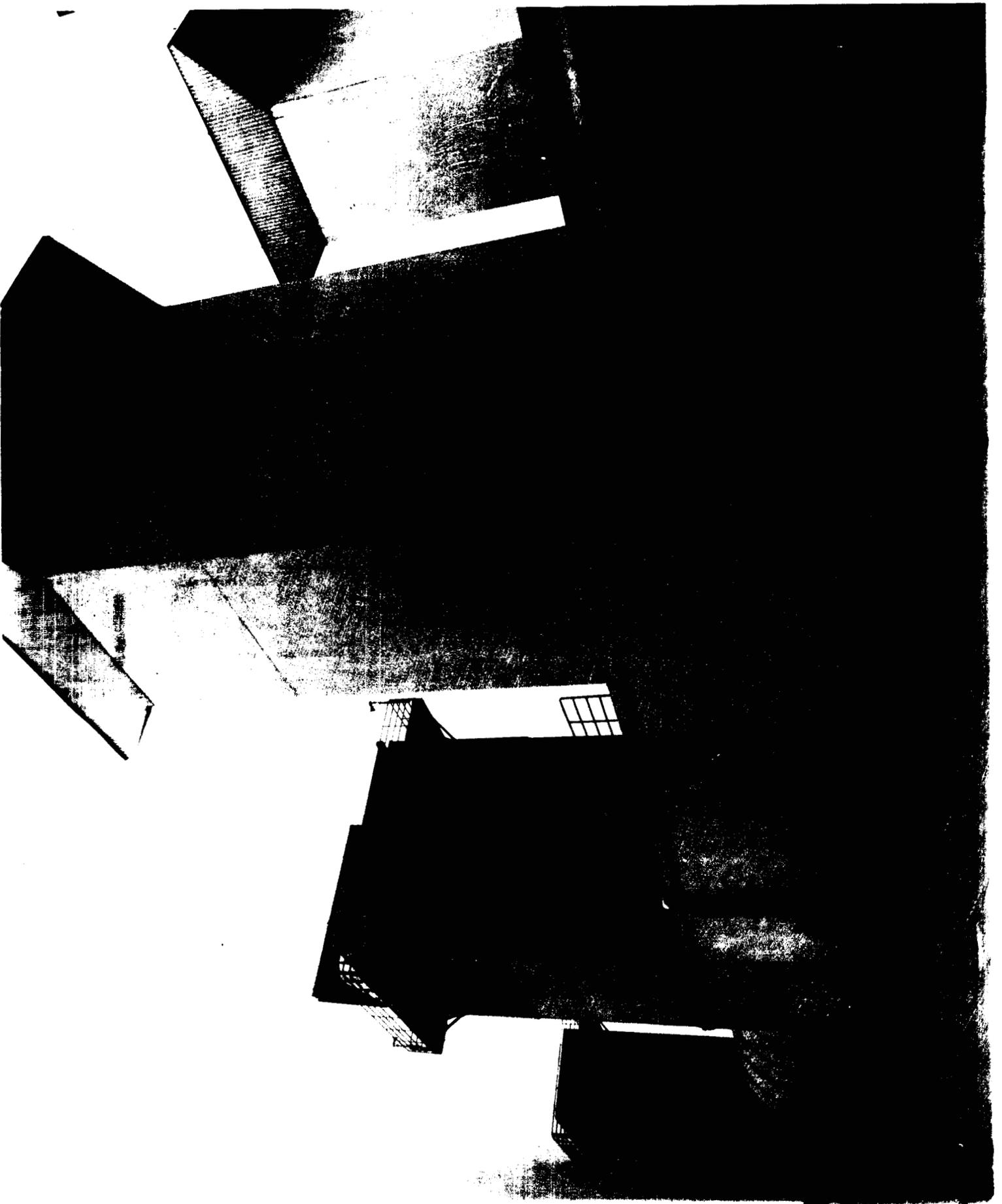
Two

14. What is the approximate number of personnel needed to maintain the equipment?

0.5 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Document Separator



ACTIVITY: N65888
NORTH ISLAND

INSERT PHOTO



ACTIVITY: N65888
NORTH ISLAND

INSERT PHOTO

ACTIVITY: N65888
NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Navy Primary Standards Laboratory (Type I)

1. State the primary purpose(s) of the facility/equipment.

Calibrates primary standards in support of calibration laboratories throughout the Navy.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 6,000,000 for facility only.

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = N/A Cube = 858,400 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Conditioned electrical power, chilled water.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Shielding for anechoic chambers, microwave labs and laser labs.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control with temperature control within $\pm 1/20$ fahrenheit.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

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NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Military Construction, special temperature and humidity control rooms, shielded rooms, etc. Lost capability to calibrate primary standards, loosing capability in other Type II and Type III labs.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Military Construction. Special requirements for temperature controlled rooms. 1987.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

43% - Manned divided by Work Positions.

12. Provide the projected utilization data out to FY 1997.

50%

13. What is the approximate number of personnel used to operate the facility/equipment?

59

14. What is the approximate number of personnel needed to maintain the equipment?

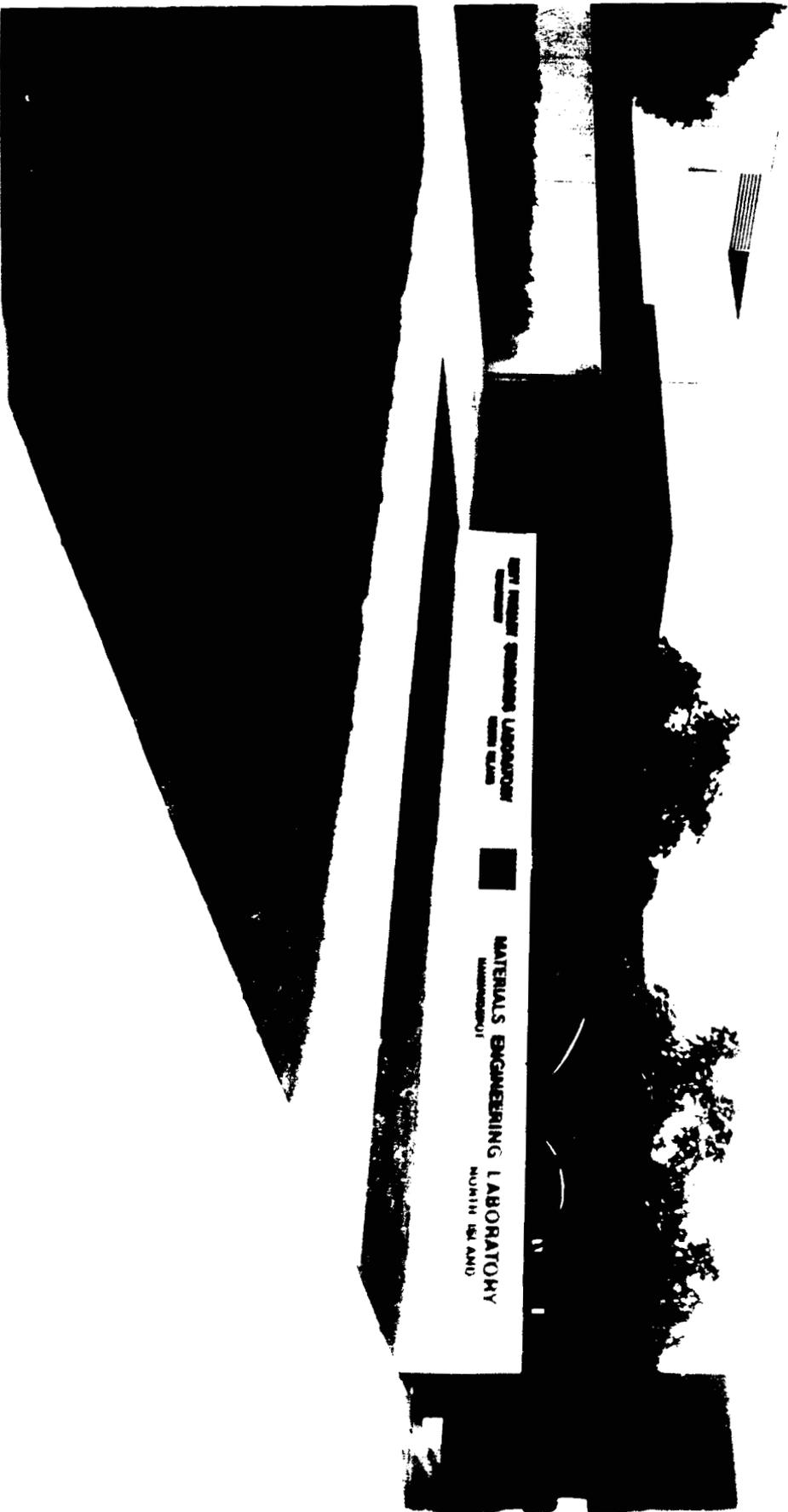
0.9 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

NEW HAVEN MATERIALS LABORATORY
UNIVERSITY OF CONNECTICUT



MATERIALS ENGINEERING LABORATORY
UNIVERSITY OF CONNECTICUT
NEW HAVEN, CT 06520



ACTIVITY: N65888
NORTH ISLAND

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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	12 Foot Autoclave

1. State the primary purpose(s) of the facility/equipment.

Curing of bonded structures.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1,900M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 50,000 pounds Cube = 12,500 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Natural gas, nitrogen, vacuum, shop air, recirculating cooled water, steam.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Special foundation/pit; equipment designed for below-grade installation.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Control room is temperature controlled.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

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and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Very difficult to relocate, but not impossible to replicate.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Turnkey installation in new building. Installed in 1985.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

50% - 20 Hours per Week divided by 40 Hour Work Week.

12. Provide the projected utilization data out to FY 1997.

50%

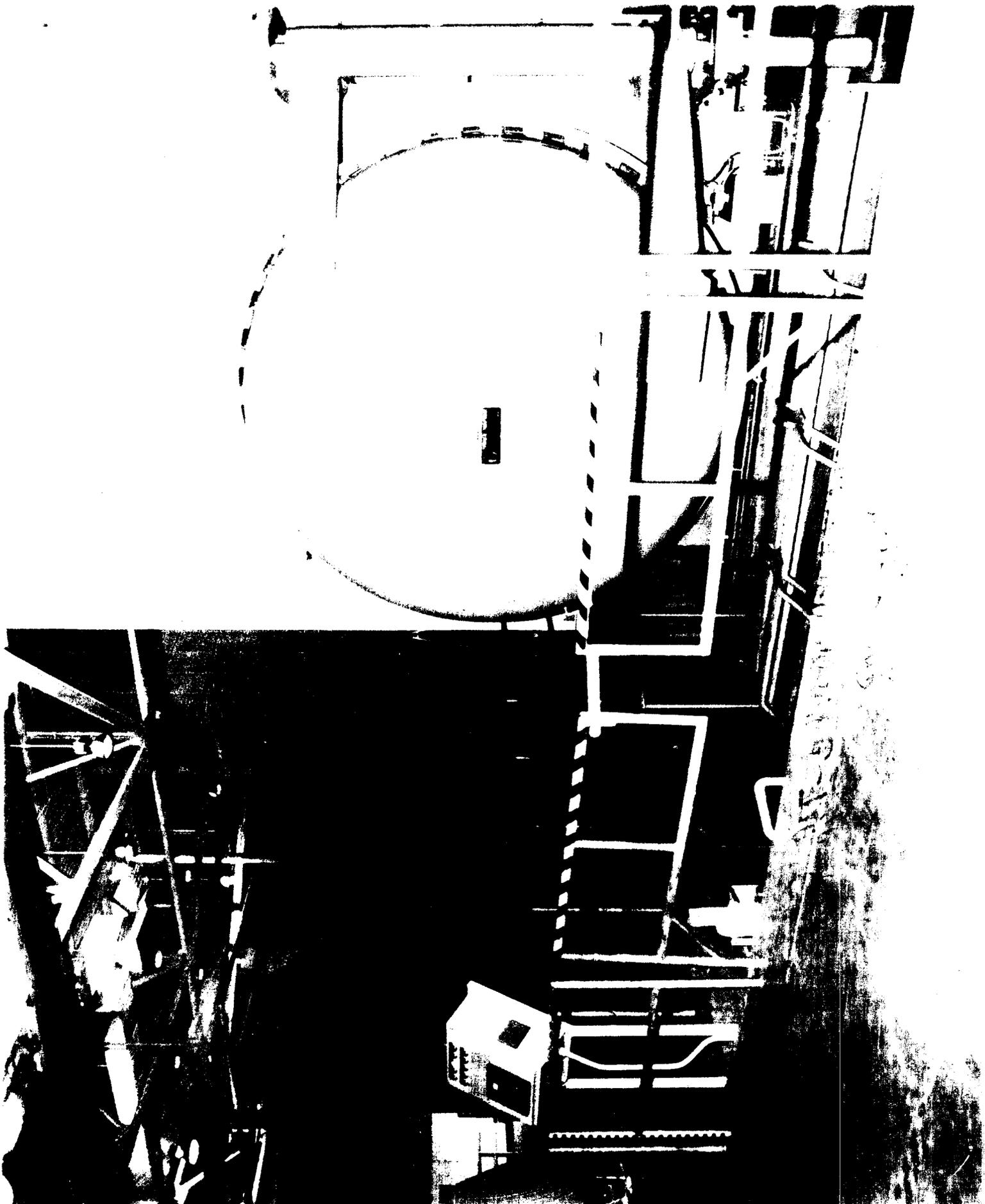
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.26 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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NORTH ISLAND

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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Plastic Media Blast (PMB) Dry Coating Removal

1. State the primary purpose(s) of the facility/equipment.

The PMB facility is used to remove paint and other coating from aircraft and components in a strip hanger.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 900,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = N/A Cube = 151,250 cubic feet
(110' D x 55' W x 25' H)

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Clean, dry air.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Sealed walls and floor to minimize contamination of blast media.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air scrubbing - particulate filtration required.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

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facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

It would be extremely difficult to relocate or replicate at another site. All equipment was sized to fit and operate in the existing paint stripping facility.

Impact if lost = regress to wet stripping operations.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

A wet strip facility was converted to a dry stripping facility utilizing PMB. The floor trenches were converted to media recovery tubes and dust collection equipment was installed in the building exhaust plenum. 1993.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Historical utilization not available. New equipment, FY-93, awaiting permit to operate and release to production.

12. Provide the projected utilization data out to FY 1997.

All aircraft requiring paint stripping are planned to be processed in the PMB facility.

13. What is the approximate number of personnel used to operate the facility/equipment?

Ten operators.

14. What is the approximate number of personnel needed to maintain the equipment?

0.2 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



STRIPMASTER PC
SERIES 400

2

11

STRIPMASTER
SERIES 400

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ACTIVITY: N65888
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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	High Speed Blade Tip Grinder

1. State the primary purpose(s) of the facility/equipment.

Grind blade tips, deburr and measure jet engine high pressure and low pressure turbines, an decompressor of F404, F110 and LM2500 engines.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 3M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 8,000 pounds Cube = 11,550 cubic feet
(35' W x 33' D x 10' H)

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Special foundation.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning, air scrubber, sound proof enclosure.

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8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Would not be extremely difficult to relocate.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Installation was in June 1990 by the contractor.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Surface Ship Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993) Define the unit of measure used.

Average historical utilization is 2.5%.

12. Provide the projected utilization data out to FY 1997.

Current projected workload is 10% unless engine workload is restored to North Island.

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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NORTH ISLAND

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ACTIVITY: N65888
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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Building 463 Storage and Retrieval System

1. State the primary purpose(s) of the facility/equipment.

Automated storage and control of calibration test equipment and electronic equipment.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1,500,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = Not Available Cube = cubic feet
(100 x 25 x 30)

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Special fire protection required.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

ACTIVITY: N65888
NORTH ISLAND

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Difficult to replicate since software is site specific.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

1974 by contract - site built.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Number of storage locations used (1,500) divided by locations available (3,000) = 50%

12. Provide the projected utilization data out to FY 1997.

70%

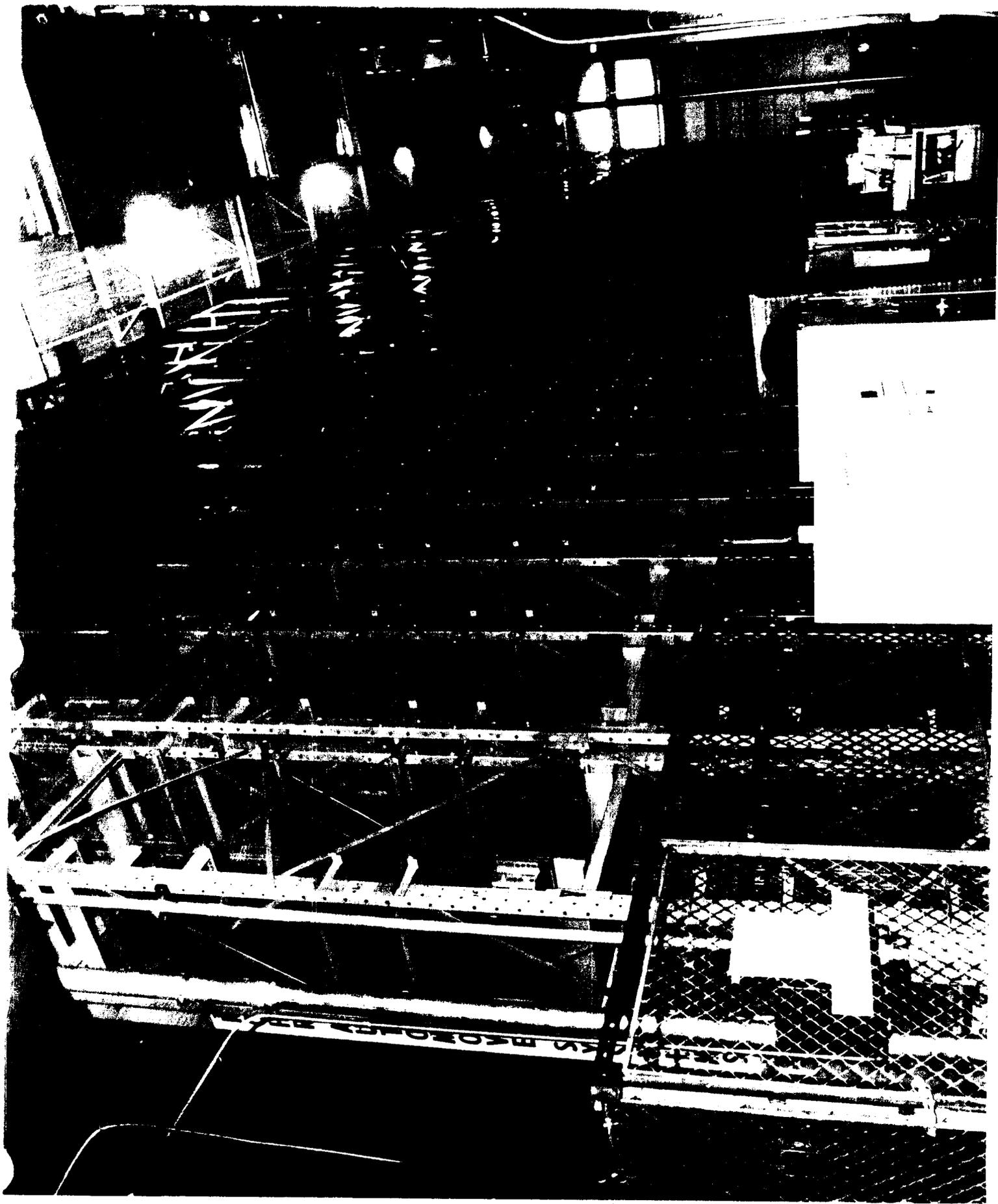
13. What is the approximate number of personnel used to operate the facility/equipment?

Three

14. What is the approximate number of personnel needed to maintain the equipment?

0.2 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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NORTH ISLAND

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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	F/A-18 AMAD Test Stand

1. State the primary purpose(s) of the facility/equipment.

Test after overhaul the F/A-18 accessory gearbox.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 3.5M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 30,000 pounds Cube = 2,400 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Air conditioned room, 440 vac, enclosed loop, recirculating water system that needs to be dumped periodically, shop air.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Controlled environment, enclosed room, special foundation with ten foot pit for sump water tank.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Control room is temperature controlled.

3. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

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NORTH ISLAND**

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Very difficult to relocate, but not impossible to replicate.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Truck - 1985. Turnkey installation on MILCON project enclosure.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

10 hours per week = 100%

12. Provide the projected utilization data out to FY 1997.

100%

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.25 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Integrated Material Handling System (IMHS)

1. State the primary purpose(s) of the facility/equipment.

Automated storage, control, routing, movement of all material processed/worked in Building 472.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 6,600,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = Not Available Cube = 142,000 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Special fire protection.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

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NORTH ISLAND

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Extremely difficult to replicate since control software was written for NADEP standard systems.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

1990 -1993 by contract - site built.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Not operational during this period.

12. Provide the projected utilization data out to FY 1997.

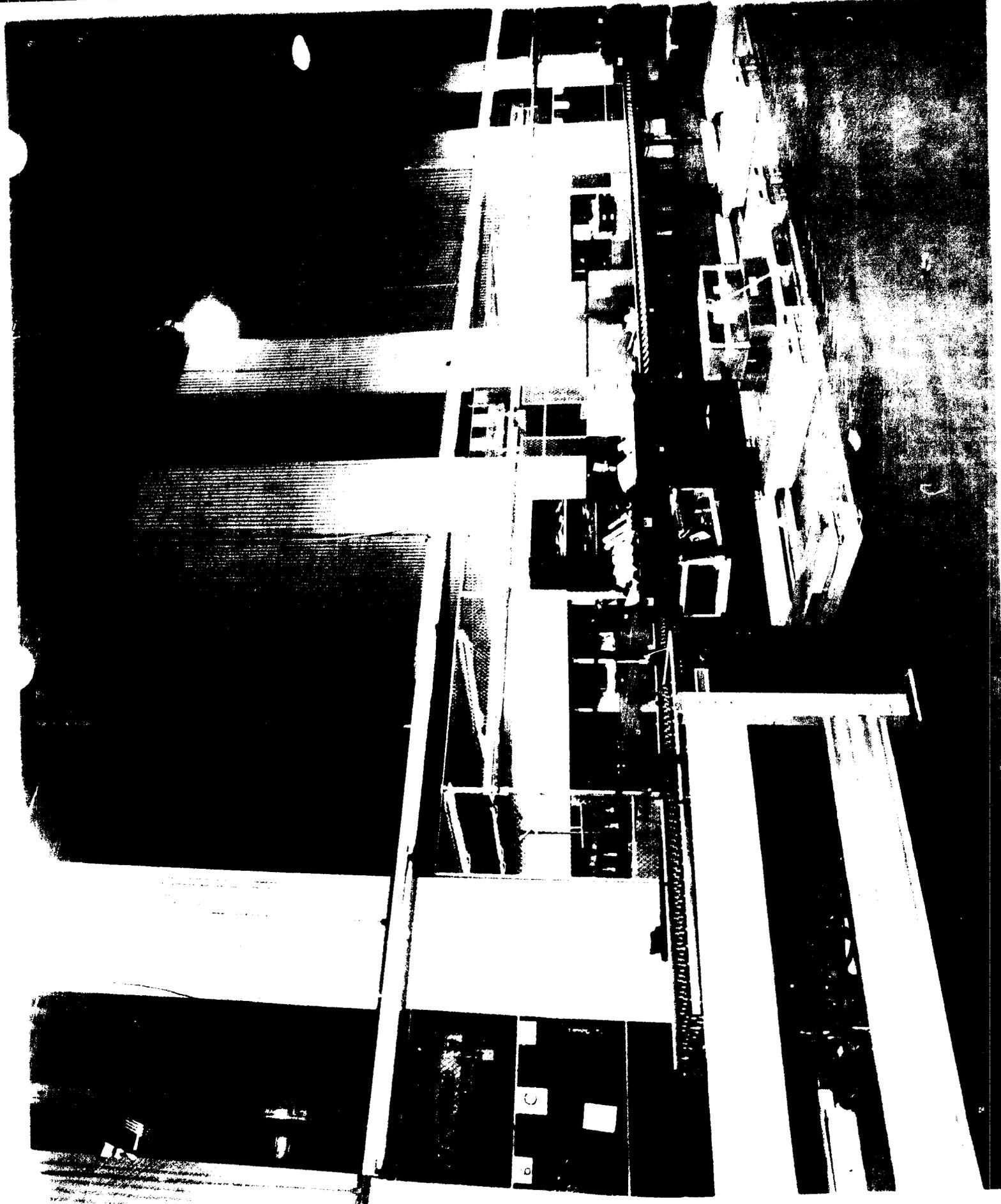
90%

13. What is the approximate number of personnel used to operate the facility/equipment?

14. What is the approximate number of personnel needed to maintain the equipment?

0.30 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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NORTH ISLAND

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NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Vacuum Furnace

1. State the primary purpose(s) of the facility/equipment.

Solution heat treat, stress relief, micro braze.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Not portable. Very hard to move.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 500,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 43,360 pounds Cube = 8,000 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Plant air, argon, hydrogen

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Special rails in floor.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Cooling tower.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

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NORTH ISLAND

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Equipment would be difficult to relocate. Not unique.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by truck(s). Assembled/installed by NADEP under vendor direction. 1981.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

20 hours per week divided by 40 hours per week equals 50%

12. Provide the projected utilization data out to FY 1997.

50%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.15 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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NORTH ISLAND

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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Lathe Turning Cntr NC

1. State the primary purpose(s) of the facility/equipment.

Manufacture aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 700K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 17,000 pounds Cube = 539 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would require conventional method increasing man-hours or commercial manufacture.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 12/73. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

10 hour week = 45%

12. Provide the projected utilization data out to FY 1997.

50%

13. What is the approximate number of personnel used to operate the facility/equipment?

Two Operators, One NC Programmer

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Lathe Turning Cntr NL

1. State the primary purpose(s) of the facility/equipment.

Manufacture aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 600K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 24,280 pounds Cube = 616 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
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and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would require conventional method increasing man-hours or commercial manufacture.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 04/82. Transported by truck, minimum impact.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 40%

12. Provide the projected utilization data out to FY 1997.

45%

13. What is the approximate number of personnel used to operate the facility/equipment?

Two operators, one NC Programmer

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

5. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

01.02.10



ACTIVITY: N65888
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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Cutter Grinder 7 Axis CNC

1. State the primary purpose(s) of the facility/equipment.

Rework/manufacture aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 600K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 24,000 pounds Cube = 2,210 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would result in commercial or non-local manufacture and backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 08/87. Transported by truck, minimum impact.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

10 hour week = 65%

12. Provide the projected utilization data out to FY 1997.

65%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Grinder Vertical

1. State the primary purpose(s) of the facility/equipment.

Rework aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 600K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 31,500 pounds Cube = 1,450 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 12/82. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 60%

12. Provide the projected utilization data out to FY 1997.

65%

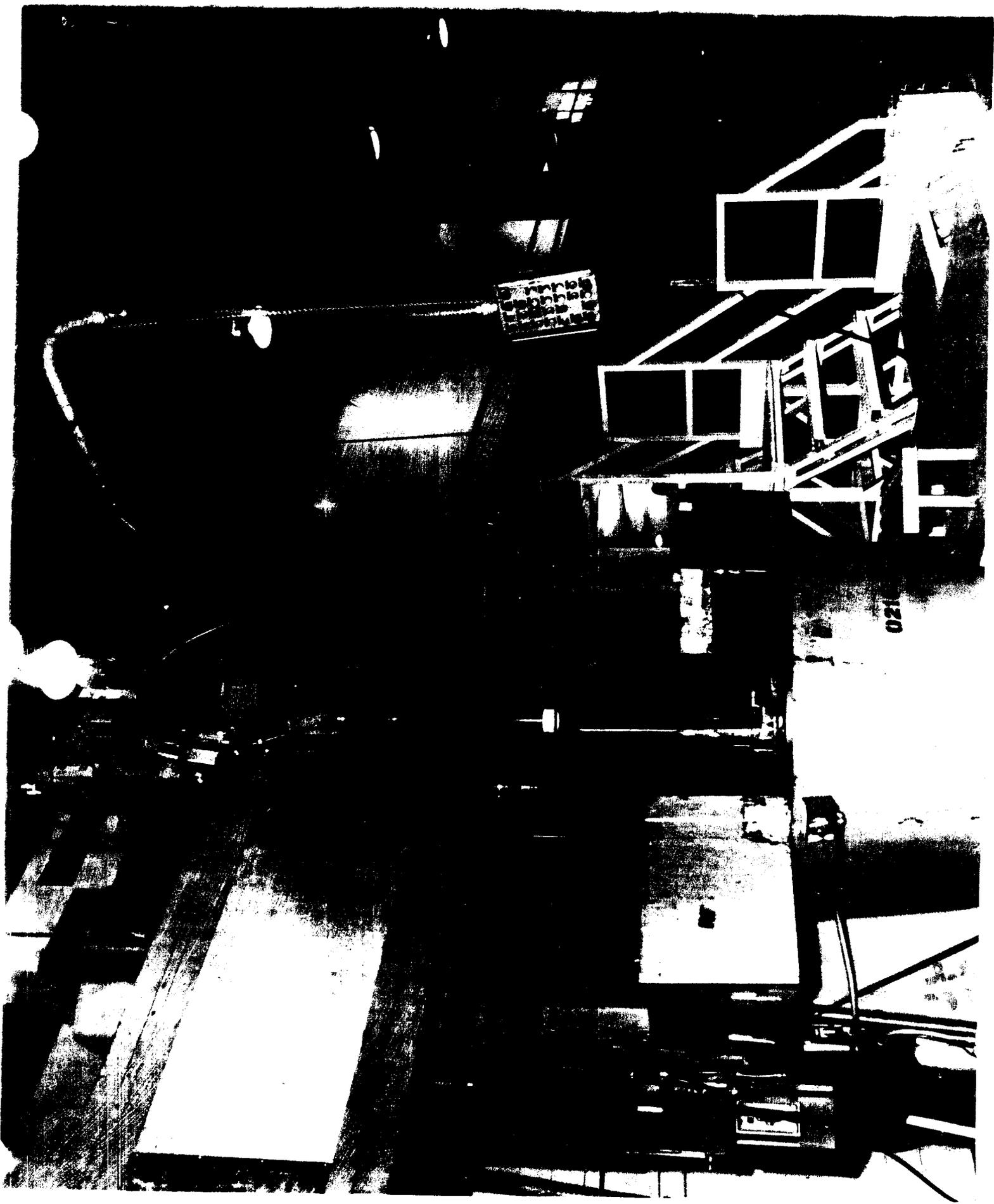
13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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ACTIVITY: N65888
NORTH ISLAND

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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Strut Grinder (2 each)

1. State the primary purpose(s) of the facility/equipment.

Rework aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 700K each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 40,000 pounds each Cube = 1,216 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Some impact due to specialized operation. Result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 12/75 and 11/88. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week - 70%

12. Provide the projected utilization data out to FY 1997.

75%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Machining Center Vertical NC

1. State the primary purpose(s) of the facility/equipment.

Manufacturing aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 500K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 32,000 pounds Cube = 2,640 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would require conventional equipment increasing man-hours or commercial or non-local manufacture.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 01/77. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 85%

12. Provide the projected utilization data out to FY 1997.

90%

13. What is the approximate number of personnel used to operate the facility/equipment?

Two Operators, NC Programmer

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Punch Press/Laser Cut

1. State the primary purpose(s) of the facility/equipment.

Manufacture aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 600K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 22,500 pounds Cube = 1,672 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation and enclosed room.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large punch requiring enclosed room. Not unique, loss would require conventional punch increasing hours or commercial or non-local manufacture.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 03/87. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 100%

12. Provide the projected utilization data out to FY 1997.

110%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



ACTIVITY: N65888
NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Spar Mill (Trace)

1. State the primary purpose(s) of the facility/equipment.

Manufacture aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 800K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 47,560 pounds Cube = 3,600 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would require commercial or non-local manufacture.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 09/81. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 70%

12. Provide the projected utilization data out to FY 1997.

80%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Router NC

1. State the primary purpose(s) of the facility/equipment.

Manufacture aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 800K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 36,000 pounds Cube = 3,600 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would require commercial or non-local manufacture.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 05/81. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 25%

12. Provide the projected utilization data out to FY 1997.

25%

13. What is the approximate number of personnel used to operate the facility/equipment?

Two Operators, NC Programmer

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Horizontal/Vertical Jig Mill

1. State the primary purpose(s) of the facility/equipment.

Rework aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 50,000 pounds Cube = 1,584 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature controlled room.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would result in backlog of unrepaired precision components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 02/81. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 90%

12. Provide the projected utilization data out to FY 1997.

100%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Vertical Grinder

1. State the primary purpose(s) of the facility/equipment.

Rework aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 600K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 55,000 pounds Cube = 1,400 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 10/89. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

.0 hour week = 60%

12. Provide the projected utilization data out to FY 1997.

70%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Boring Mill Horizontal NC

1. State the primary purpose(s) of the facility/equipment.

Rework aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integr. l to the facility/equipment.

Replacement Value = \$ 800K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 33,820 pounds Cube = 3,060 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 02/81. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

10 hour week = 85%

12. Provide the projected utilization data out to FY 1997.

90%

13. What is the approximate number of personnel used to operate the facility/equipment?

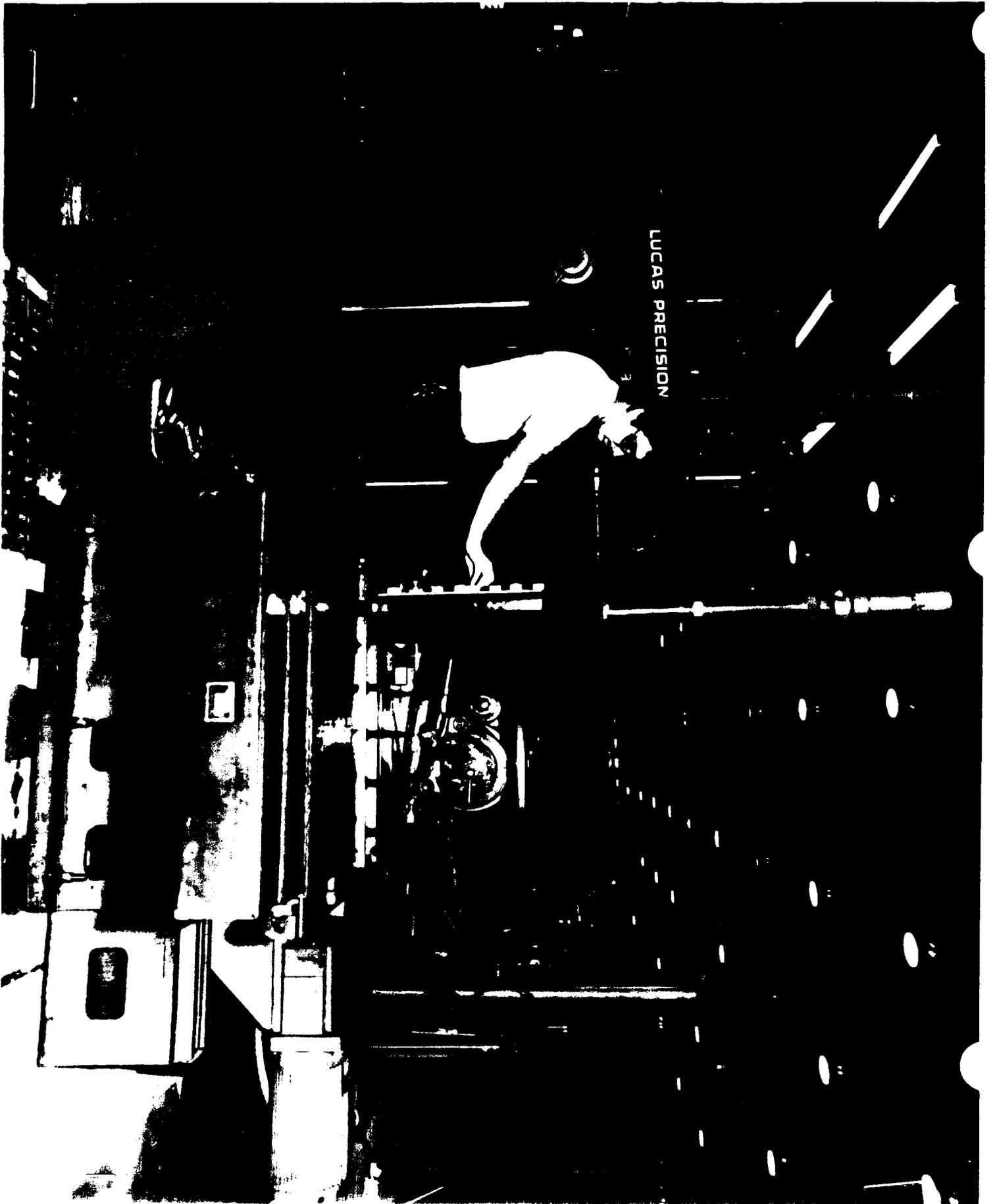
One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

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ACTIVITY: N65888
NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Boring Mill Horizontal NC

1. State the primary purpose(s) of the facility/equipment.

Rework

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1.5M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 36,000 pounds Cube = 3,696 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, loss would result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 02/70. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 80%

12. Provide the projected utilization data out to FY 1997.

85%

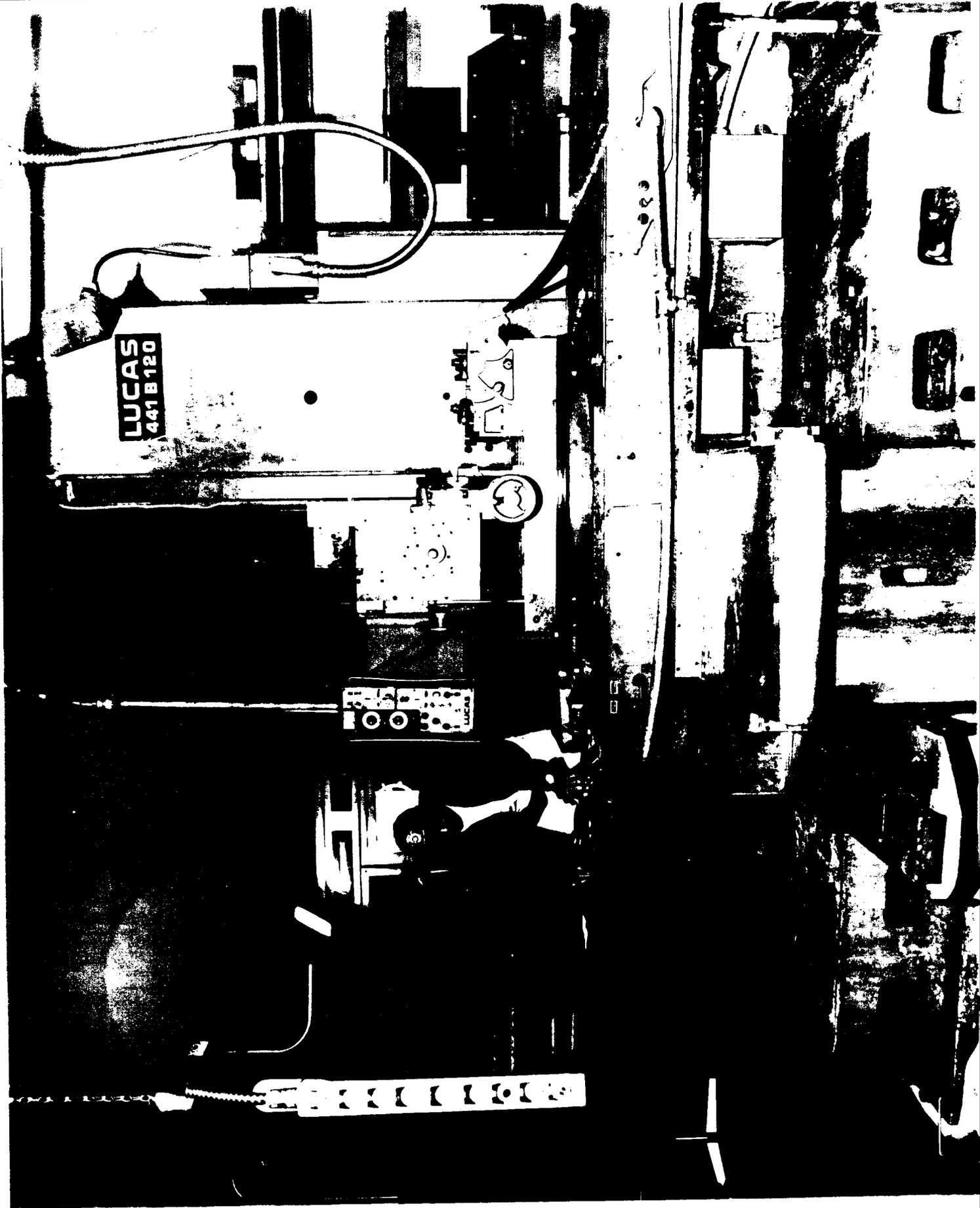
13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Machining Center 4 Axis Horizontal CNC (2 each)

1. State the primary purpose(s) of the facility/equipment.

Manufacturing

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integr. 1 to the facility/equipment.

Replacement Value = \$ 700K each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 53,500 pounds each Cube = 7,776 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, but loss would require commercial or non-local manufacturing.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Contractor 06/92 and 10/92. Transported by truck, installed by contractor.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 65%

12. Provide the projected utilization data out to FY 1997.

85%

13. What is the approximate number of personnel used to operate the facility/equipment?

Two each Operators, NC Programmers

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



ACTIVITY: N65888
NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Machining Center 5 Axis Vertical NC

1. State the primary purpose(s) of the facility/equipment.

Manufacturing

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 900K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 28,000 pounds Cube = 1,815 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, but loss would require commercial or non-local source for components manufacture.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 04/84. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

10 hour week = 85%

12. Provide the projected utilization data out to FY 1997.

85%

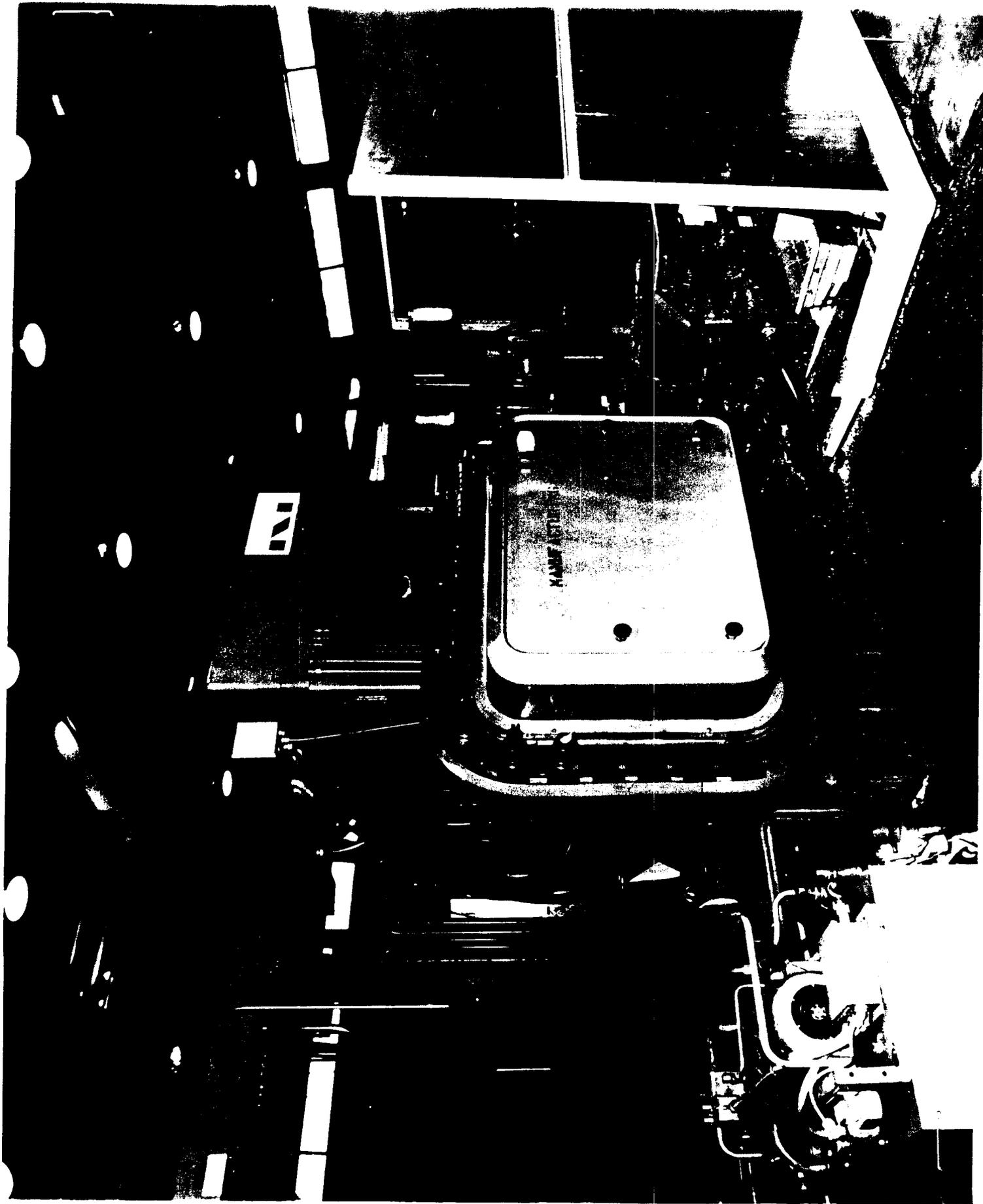
13. What is the approximate number of personnel used to operate the facility/equipment?

Two Operators, NC Programmers

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Core Carver NC (2 each)

1. State the primary purpose(s) of the facility/equipment.

Manufacturing/rework aircraft surfaces

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1M each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 10,000 pounds each Cube = 3,696 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature controlled room.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Not difficult, must be placed in temperature controlled room. Loss results in backlog of honeycomb aircraft surfaces to repair.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Contractor 03/85. Transported by truck, installed by contractor.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 25%

12. Provide the projected utilization data out to FY 1997.

40%

13. What is the approximate number of personnel used to operate the facility/equipment?

Two each Operators/ NC Programmers

14. What is the approximate number of personnel needed to maintain the equipment?

0.14 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Composite Cutting Knife

1. State the primary purpose(s) of the facility/equipment.

Manufacturing, maintenance and repair of composite aircraft surfaces.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 700K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 14,000 pounds Cube = 3,696 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Temperature controlled room.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature controlled room.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Not difficult. Needs to be installed in temperature controlled room. Loss - minimum impact -increase in man-hours to cut by hand.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Contractor 03/85. Transported by truck, installed by contractor.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993) Define the unit of measure used.

40 hour week = 25%

12. Provide the projected utilization data out to FY 1997.

40%

13. What is the approximate number of personnel used to operate the facility/equipment?

Two Operators, NC Programmer

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Machining Center 5 Axis Vertical NC (2 each)

1. State the primary purpose(s) of the facility/equipment.

Manufacturing aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integr. l to the facility/equipment.

Replacement Value = \$ 1.5M each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 80,000 pounds each Cube = 1,440 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, but loss would require commercial or non-local source for manufacturing.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 08/71 and 09/75. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 40%

12. Provide the projected utilization data out to FY 1997.

40%

13. What is the approximate number of personnel used to operate the facility/equipment?

Two each Operators, NC Programmers

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Jig Grinder CNC

1. State the primary purpose(s) of the facility/equipment.

Rework aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1.5M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 28,683 pounds Cube = 1,287 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature controlled room.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, but loss would result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 09/88. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 100%

12. Provide the projected utilization data out to FY 1997.

110%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Jig Bore Vertical NC

1. State the primary purpose(s) of the facility/equipment.

Rework various aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1.2M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 28,994 pounds Cube = 1,584 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature controlled room.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, but loss would result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 06/89. Transported by commercial carrier and installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

40 hour week = 85%

12. Provide the projected utilization data out to FY 1997.

90%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Jig Bore Horizontal NC

1. State the primary purpose(s) of the facility/equipment.

Rework various aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 29,720 pounds Cube = 1,500 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature controlled room.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, but loss would result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 12/87. Commercial carrier and installed by in-house personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

0 hour week = 75%

12. Provide the projected utilization data out to FY 1997.

85%

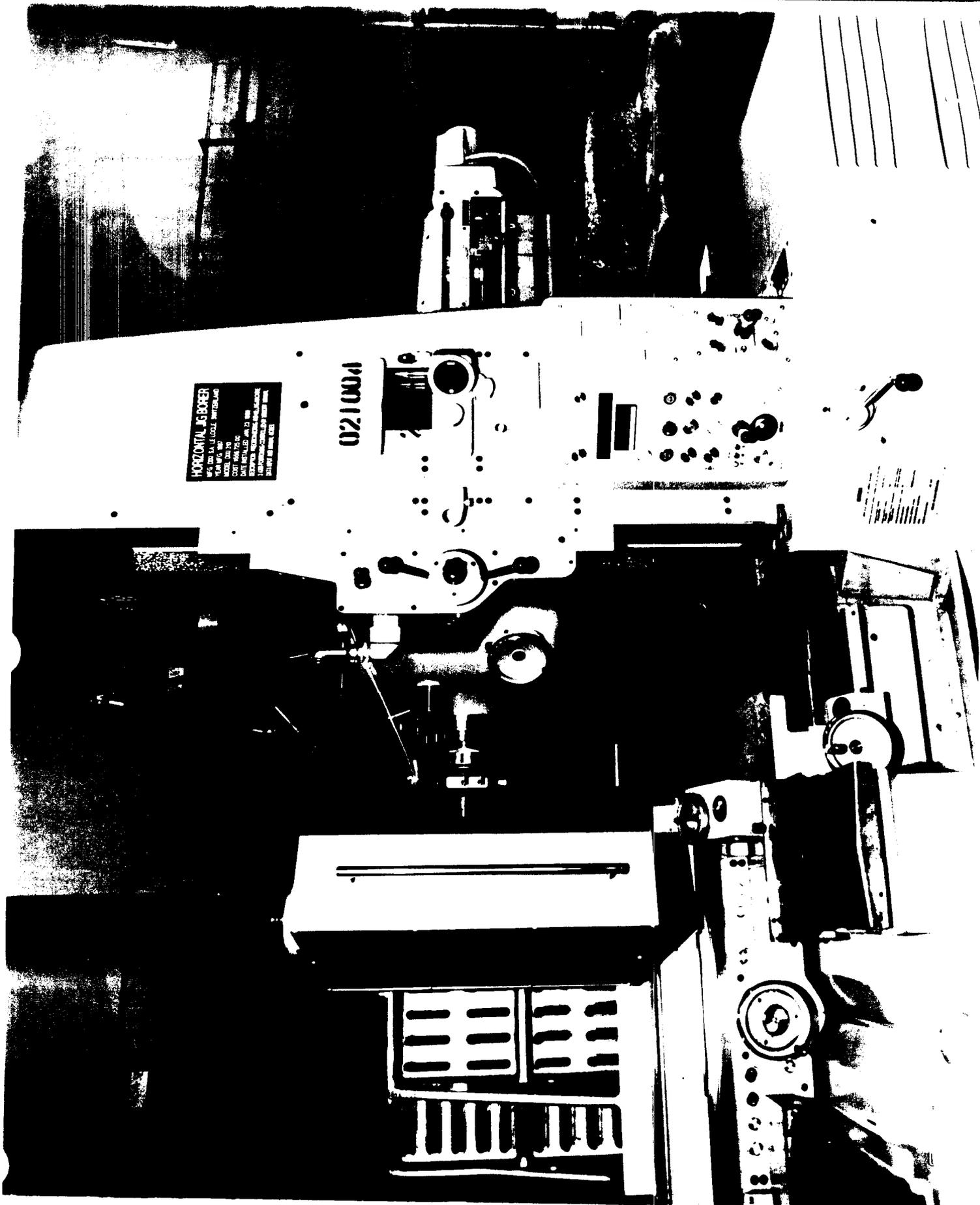
13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



HORIZONTAL J. B. HOBBS
1400 1/2 IN. DIA. COLL. SWITZERLAND
SERIAL NO. 021000
MAY 1950
CALIF. INST. OF TECHNOLOGY
PASADENA, CALIF. 91700
U.S. PATENT OFFICE
REGISTERED TRADE MARK

021000

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Vertical Cut Grinder CNC

1. State the primary purpose(s) of the facility/equipment.

Rework various aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 800K

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 55,125 pounds Cube = 5,220 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Foundation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult to relocate, large machine tool. Not unique, but loss would result in backlog of unrepaired components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NADEP 07/91. Transported by commercial carrier, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

0 hour week = 80%

12. Provide the projected utilization data out to FY 1997.

85%

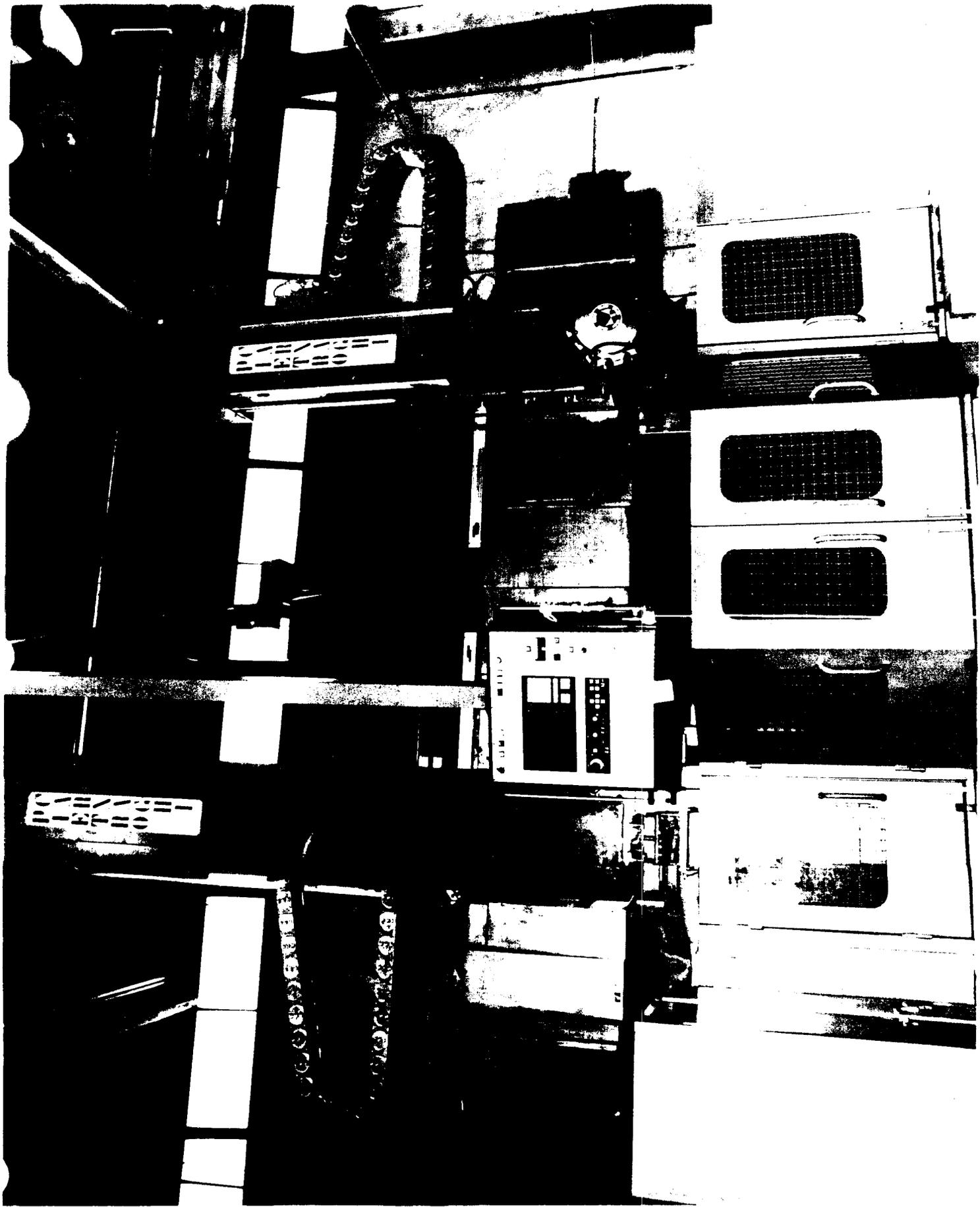
13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Squirter C-Scan (2 each)

1. State the primary purpose(s) of the facility/equipment.

Nondestructive inspection of composite/bonded structures.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Not portable. Difficult to move.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 500,000 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 10,000 pounds each Cube = 4,500 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Water, shop air.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Below grade foundation for squirter sump.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

3. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Not portable. Difficult to move. Disassembly/assembly required. Not unique.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Equipment was transported by truck and installed turnkey with new building. 1985.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

30 hours per week divided by 40 hour week = 75% each system

12. Provide the projected utilization data out to FY 1997.

75% each system

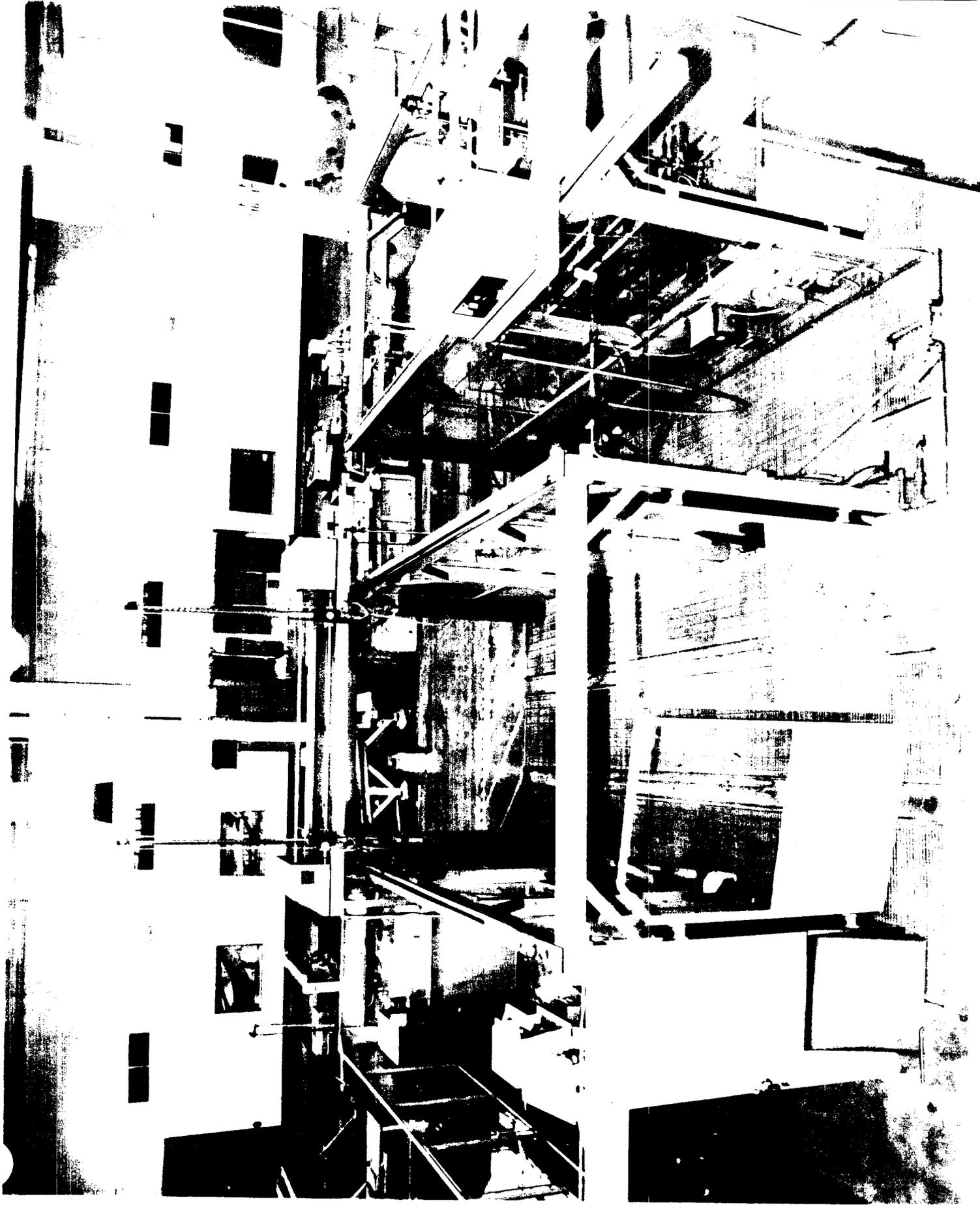
13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator per system

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



ACTIVITY: N65888
NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Servo Cylinder Test Stand (STS)

1. State the primary purpose(s) of the facility/equipment.

Test F/A-18 Servo cylinders

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 986,150

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 5,000 pounds Cube = 120 square feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Chilled water

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Clean room

. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Moveable but must be placed in temperature and particulate controlled room. Loss would increase backlog of components reducing aircraft operations.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier and installed by in-house personnel with contractor assistance. 1987.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

1. Provide the historical utilization average for the past five iscal years (FY 1989-1993). Define the unit of measure used.

8,511 man-hours per year

12. Provide the projected utilization data out to FY 1997.

25,533 man-hours per three years

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per eight hour shift

14. What is the approximate number of personnel needed to maintain the equipment?

0.24 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Servo Cylinder Test Stand (STS)

1. State the primary purpose(s) of the facility/equipment.

Test F/A-18 Servo Cylinders

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 814,330

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 6,000 pounds Cube = 140 square feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Chilled water

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Clean room

Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Moveable but must be placed in a temperature and particulate controlled room. Loss would increase backlog of components reducing aircraft operations.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier and installed by in-house personnel with contractor assistance. 1991.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

1. Provide the historical utilization average for the past five fiscal years (FY 1989-1993) Define the unit of measure used.

8,511 man-hours per year

12. Provide the projected utilization data out to FY 1997.

25,533 man-hours per three years

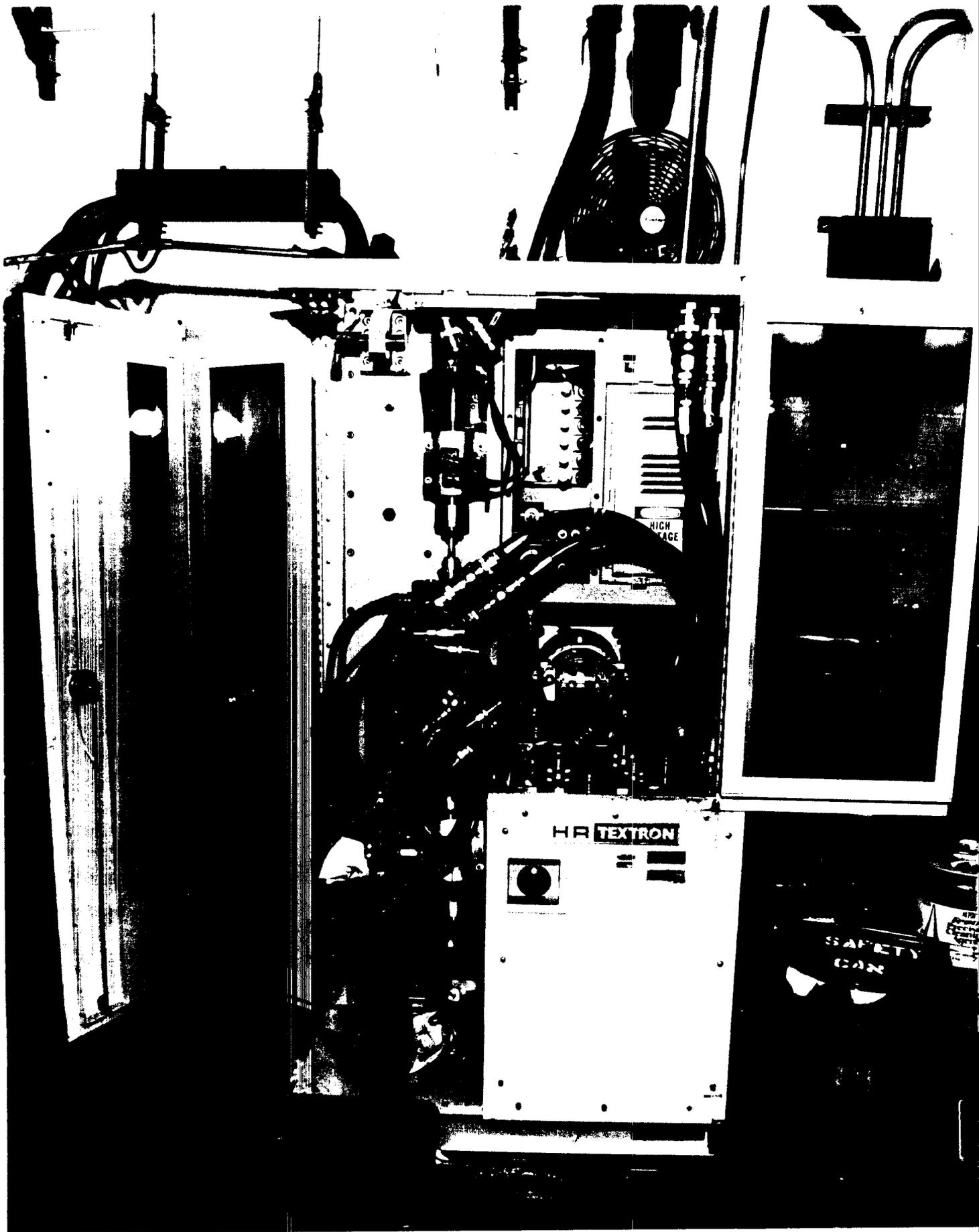
13. What is the approximate number of personnel used to operate the facility/equipment?

One person per eight hour shift

14. What is the approximate number of personnel needed to maintain the equipment?

0.24 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



ACTIVITY: N65888
NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Servo Cylinder Test Stand (STS)

1. State the primary purpose(s) of the facility/equipment.

Test F/A-18 Servo Cylinders

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 814,330

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 6,000 pounds Cube = 140 square feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Chilled water

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Clean room

Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Moveable but must be placed in temperature and particulate controlled facility. Loss would increase backlog of components resulting in reduced aircraft operations.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier and installed by in-house personnel with contractor assistance. 1991.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

8,511 man-hours per year

12. Provide the projected utilization data out to FY 1997.

25,533 man-hours per three years

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per eight hour shift

14. What is the approximate number of personnel needed to maintain the equipment?

0.24 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Avionics Test Station (ATS)

1. State the primary purpose(s) of the facility/equipment.

Engineering investigation, updates test program sets for the F/A-18 software and hardware

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable using special equipment

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 3,750,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 3,800 pounds Cube = 336 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

400 cycle

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Rail installation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Would impact engineering investigation and updates of test program sets for the F/A-18. Somewhat difficult to relocate, requires air conditioning and special carrier.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor. FY 1987.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993) Define the unit of measure used.

80% utilization

12. Provide the projected utilization data out to FY 1997.

80% utilization

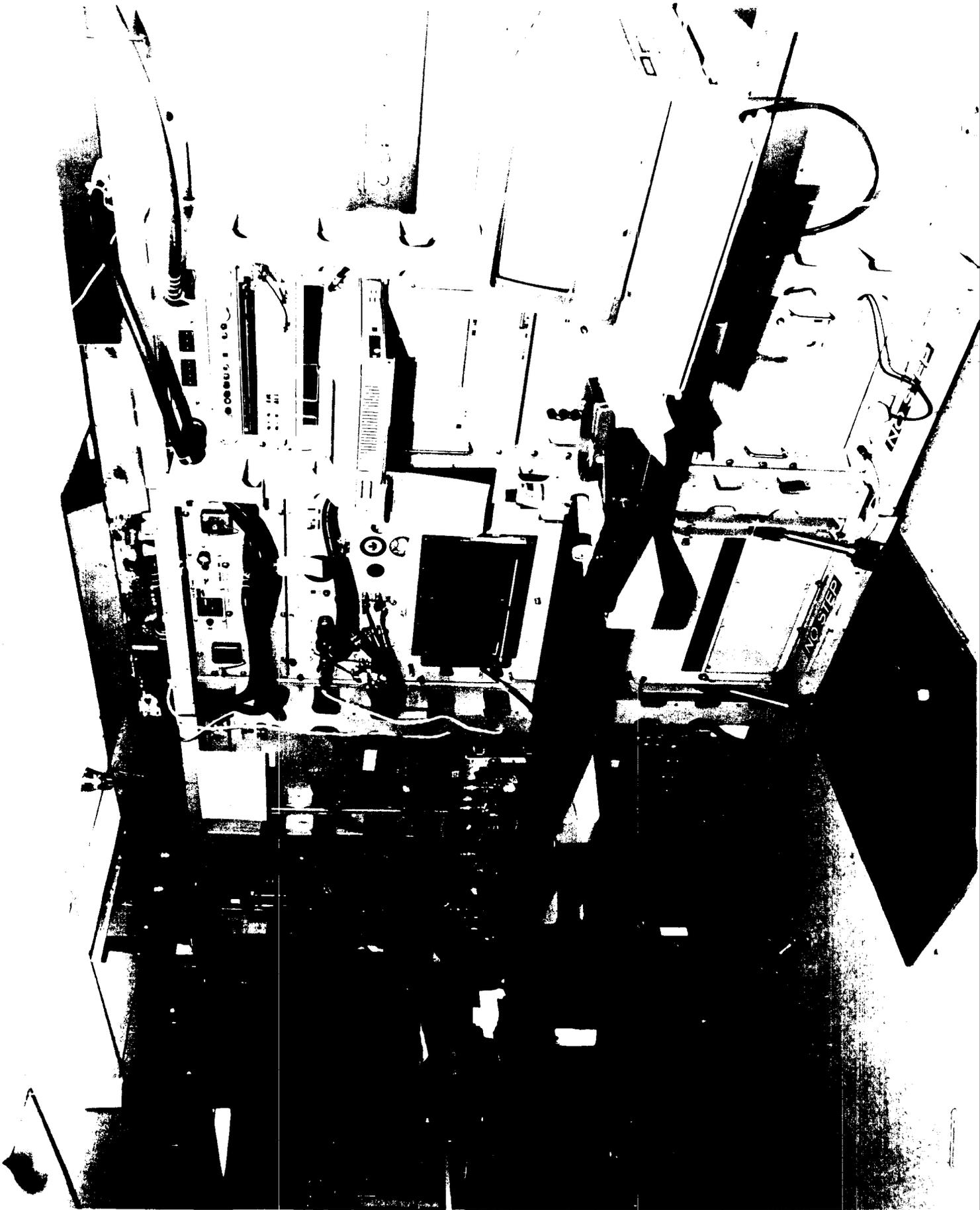
13. What is the approximate number of personnel used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Overhead Thrust Stand and Data Acquisition System (2 each)

1. State the primary purpose(s) of the facility/equipment.

To facilitate testing of jet engines.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Not portable. Extremely difficult to disassemble and relocate.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1,800,000 each Total = \$3,600,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 20,000 pounds per system Cube = 4,560 cubic feet per system

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

JP5 fuel dispensing system, shop air (high volume), 1010 oil dispensing system.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Requires facility designed for jet engine test cell operation.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity controls automated data acquisition system (control room).

ACTIVITY: N65888
NORTH ISLAND

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Equipment capabilities can be replicated elsewhere. Due to custom configuration it would be nearly impossible to relocate. Sole Navy site for testing shipboard engines.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by truck. Turnkey installed in phases from 1984 through 1988.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Surface Ship Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

10 hours per week divided by 40 hours per week = 25% each system

12. Provide the projected utilization data out to FY 1997.

25% each system

13. What is the approximate number of personnel used to operate the facility/equipment?

Two Operators

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.





TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	7 Foot Autoclave

1. State the primary purpose(s) of the facility/equipment.

Repair and manufacture of composite/bonded structures. Curing.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Not portable. Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 975,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 25,000 pounds Cube = 21,780 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Vacuum, nitrogen, shop air, natural gas, steam.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Below grade foundation.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control of computer room.

Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

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NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Very difficult to relocate. New site needs below grade foundation and utilities. Impact use larger 12 foot autoclave at increased cost or increases backlog of composite surfaces to be repaired.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by truck. Turnkey installed (1985) in new building.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

30 hours per week divided by 40 hours per week = 75%

12. Provide the projected utilization data out to FY 1997.

75%

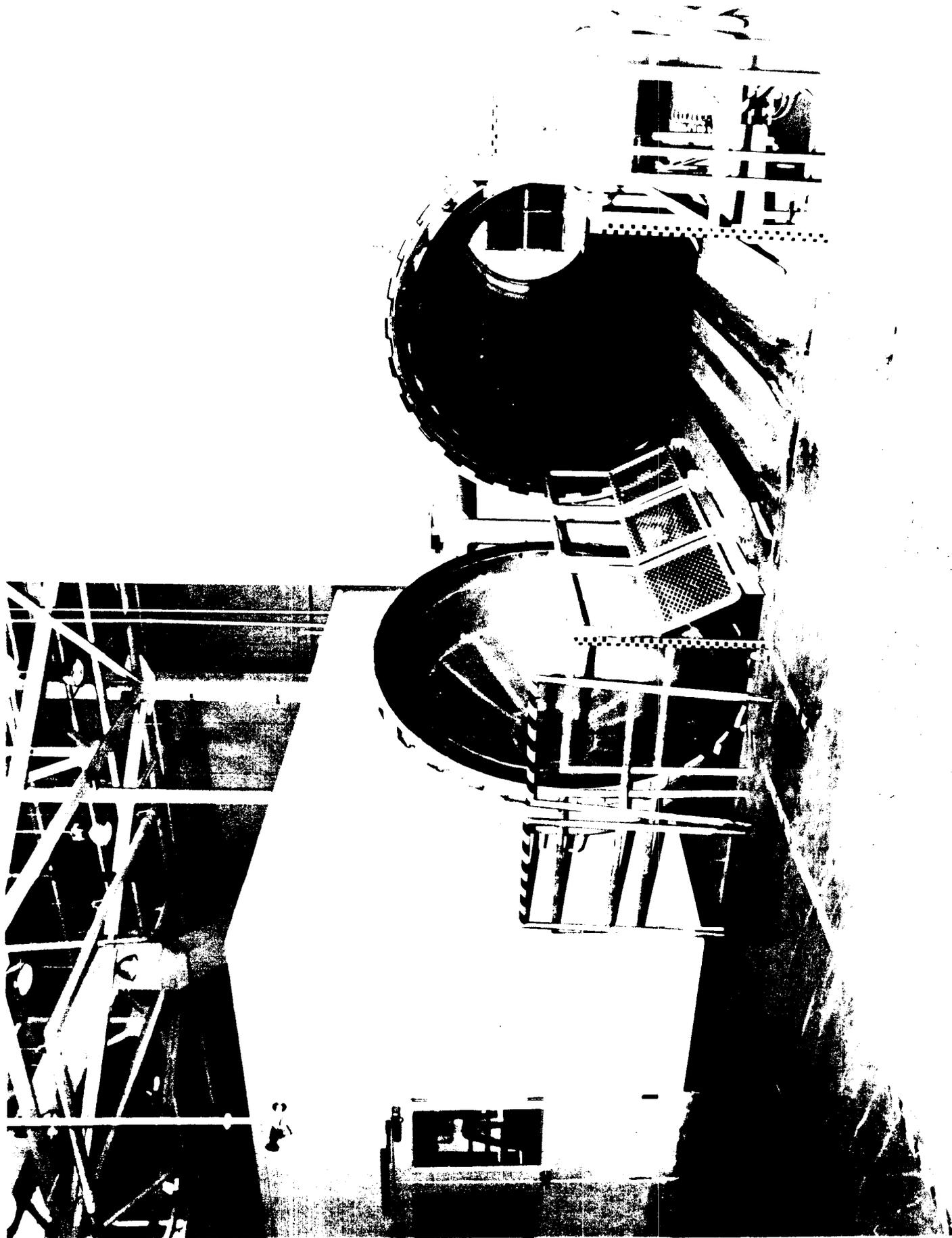
13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Real-Time X-Ray System

1. State the primary purpose(s) of the facility/equipment.

To detect internal defects and moisture in aircraft structures using Real-Time Radiography.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Not portable. Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipmen. cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 500,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 12,000 pounds Cube = 9,720 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Special lead lined enclosure or room capable of shielding primary radiation to below 2 MR.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

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NORTH ISLAND

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Function can be replicated. System manipulator is overhead mounted. Difficult to relocate and install. Requires shielded room.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported enclosed air-ride truck/trailer. Turnkey installed in 1990.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

30 hours per week divided by 40 hours per week = 75%

12. Provide the projected utilization data out to FY 1997.

75%

13. What is the approximate number of personnel used to operate the facility/equipment?

One Operator

14. What is the approximate number of personnel needed to maintain the equipment?

0.11 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.





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NORTH ISLAND

TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Adapter Group Test

1. State the primary purpose(s) of the facility/equipment.

Tests E-2C/C-2 aircraft components.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 598,300

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 150 pounds Cube = 12 cubic feet
3' x 2' x 2'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning

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NORTH ISLAND

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Somewhat difficult. Requires air conditioning and special handling. Loss would increase backlog of electronic components requiring repair.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received 1978. Transported by truck, installed by NADEP personnel.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports E-2/C-2 electronics.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

500 hours per year

12. Provide the projected utilization data out to FY 1997.

500 hours per year

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	VAST Test System (3 each)

1. State the primary purpose(s) of the facility/equipment.

Tests E-2/F-14 WRA - aircraft components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 3,500,000 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 11,000 pounds each Cube = 245 cubic feet each

31' x 4' x 7'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning

Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

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and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

"I" Level Test Stand used Navy wide

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received 1973. Transported by truck, installed by NADEP Technicians

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports E-2/F-14 electronic components.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,700 hours per year

12. Provide the projected utilization data out to FY 1997.

1,700 hours per year

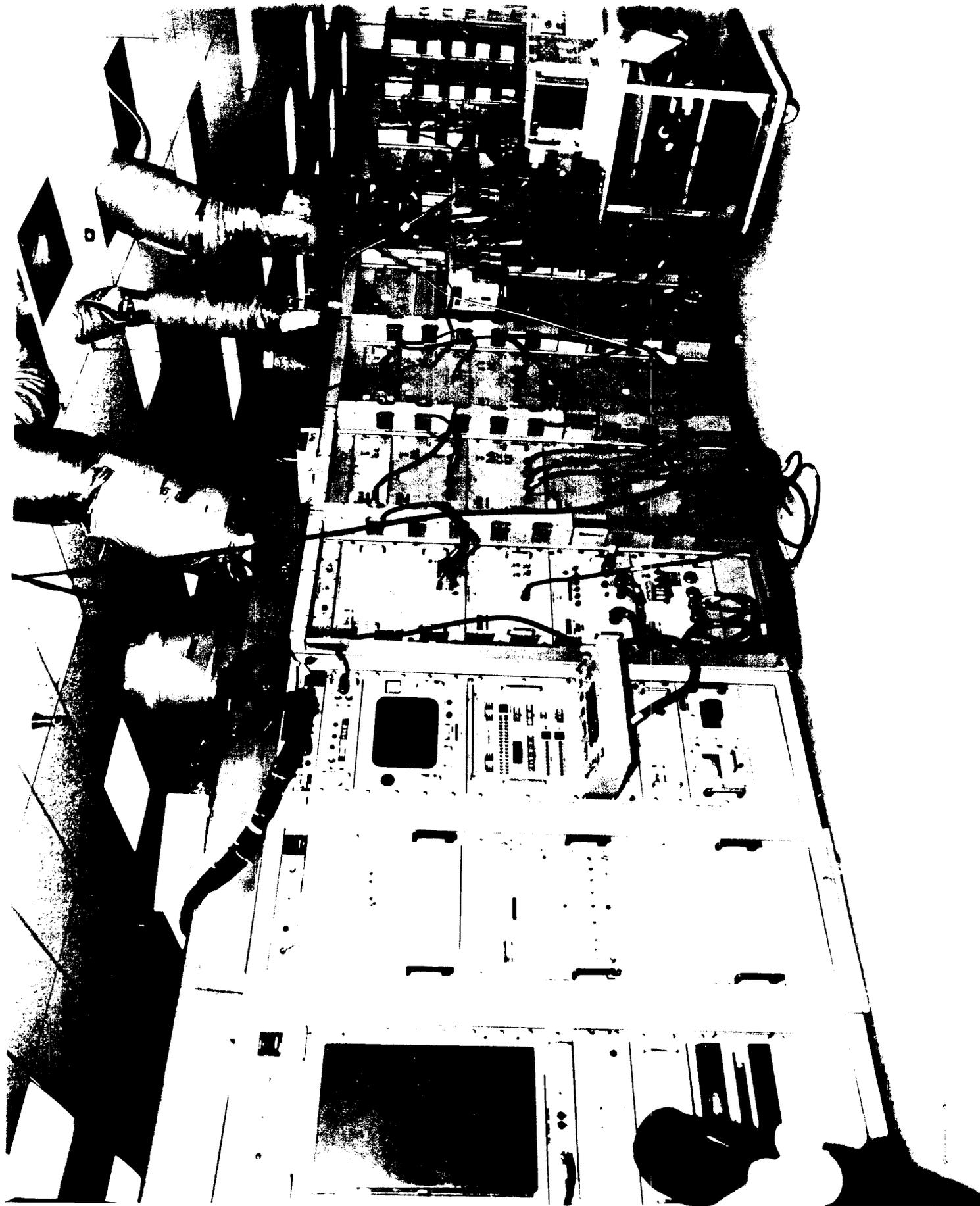
13. What is the approximate number of personnel used to operate the facility/equipment?

One person per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



ACTIVITY: N65888
NORTH ISLAND

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Only one test station (North Island) exists in the Navy. If this station is lost, vendor support is the only option. Somewhat difficult to relocate. Requires air conditioning and clean nitrogen support.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island in 1988. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports F/A-18 APG-65 Radar System

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

800 hours per year

12. Provide the projected utilization data out to FY 1997.

800 hours per year

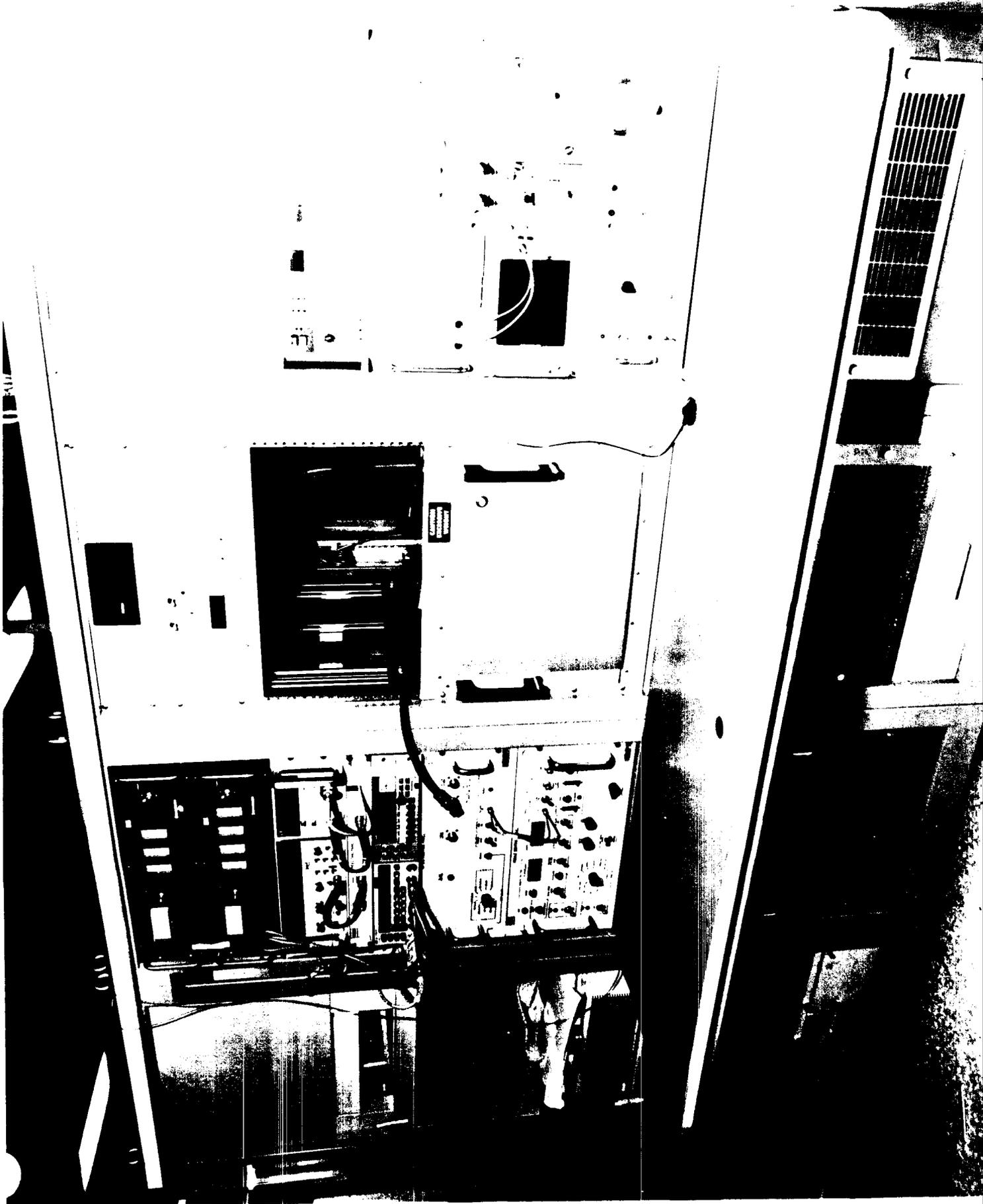
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.03 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



ACTIVITY: N65888
NORTH ISLAND

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Many of these test stations exist in the Navy. This is an "I" Level test station. Somewhat difficult to relocate, needs air conditioning and direct cooling.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island in 1975. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports F-14 AWG-9 Radar System.

Aircraft Repair

1. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,100 hours per year

12. Provide the projected utilization data out to FY 1997.

1,100 hours per year

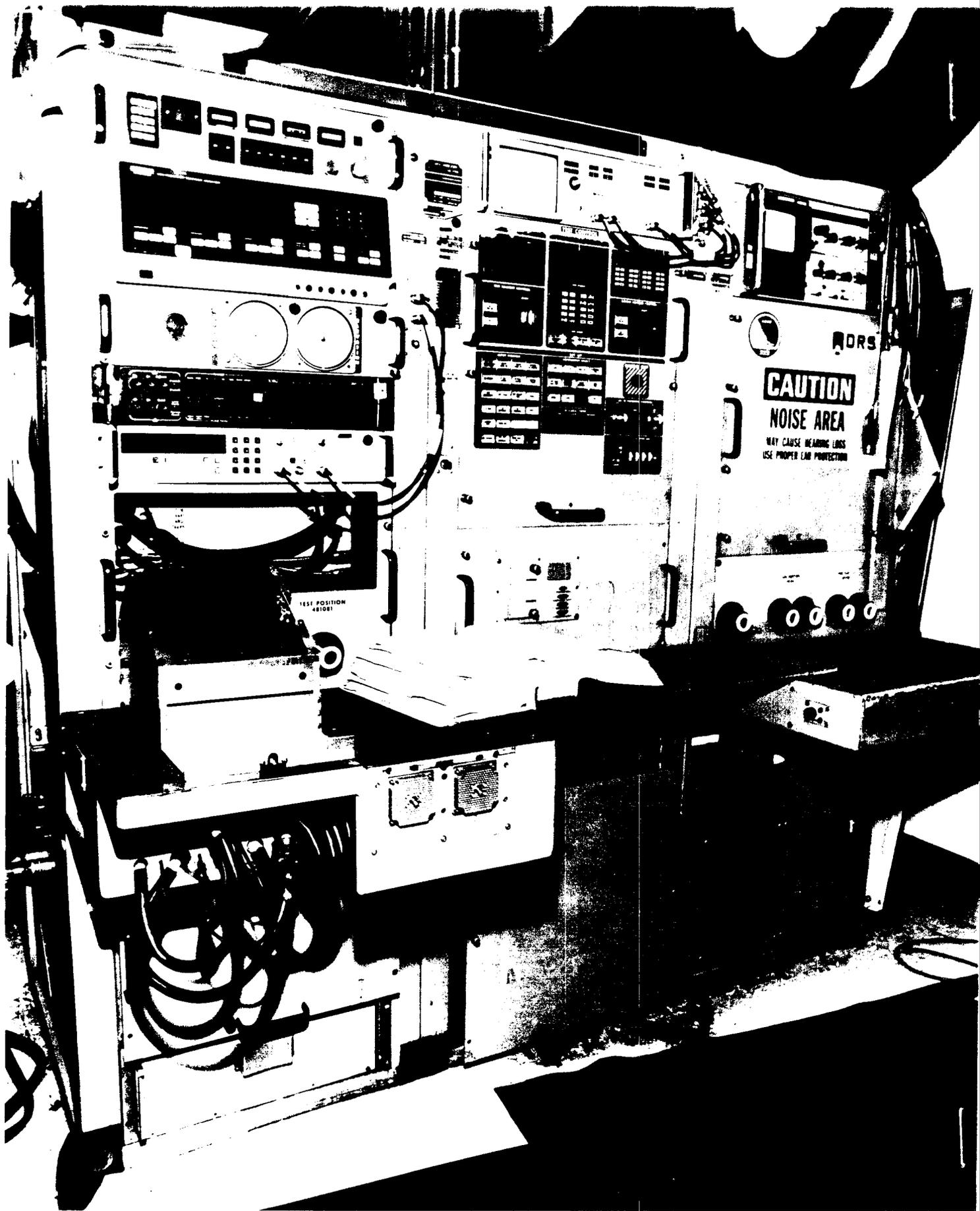
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



CAUTION
NOISE AREA
MAY CAUSE HEARING LOSS
USE PROPER EAR PROTECTION

DRS

SEE POSITION
481081

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Many of these test stations exist in the Navy. This is an "I" Level test station. Somewhat difficult to relocate, requires air conditioning.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island in 1978. Transported by truck, installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports F-14 AWG-9 Radar System.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,200 hours per year

12. Provide the projected utilization data out to FY 1997.

1,200 hours per year

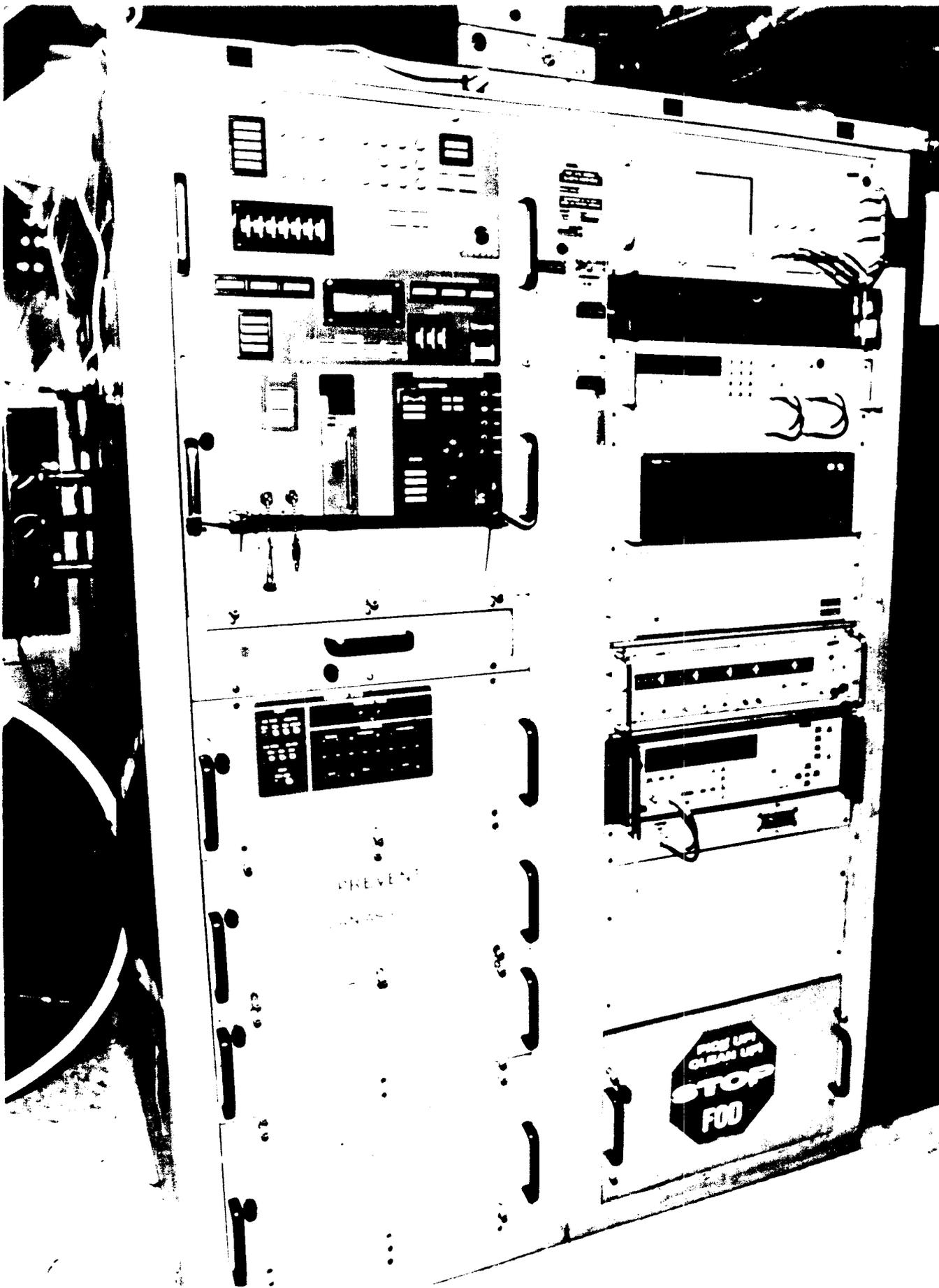
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Avionics Test Systems (2 each)

1. State the primary purpose(s) of the facility/equipment.

Tests various F/A-18 electronic components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 3,100,000 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 5,500 pounds each Cube = 392 cubic feet each

14' x 4' x 7'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Many of the test stations exist in the Navy. This is an "I" Level test station. Relocation site requires air conditioning.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island in 1985. Transported by truck, installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports various F/A-18 electronic components.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,700 hours per year per station

12. Provide the projected utilization data out to FY 1997.

1,700 hours per year per station

13. What is the approximate number of personnel used to operate the facility/equipment?

One per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Many of these test stations exist in the Navy. This is an "I" Level test station. Not difficult to relocate.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island in 1978. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports F-14 AWG-9 Radar System.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,200 hours per year

12. Provide the projected utilization data out to FY 1997.

1,200 hours per year

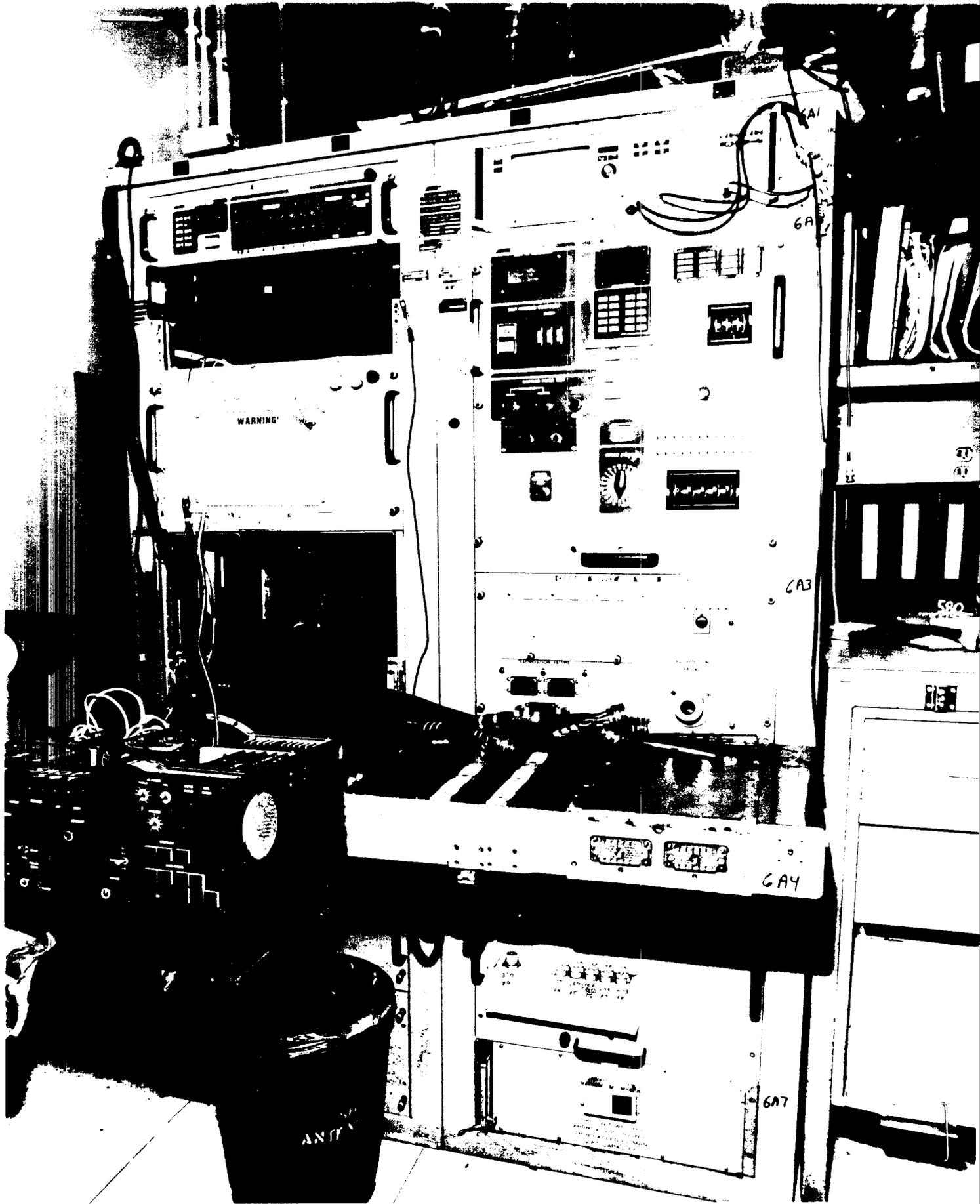
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Only two test stations exist in the Navy. One at North Island and one at Norfolk. Somewhat difficult to relocate, needs local and general air conditioning and special handling.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island in 1976. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports F-14 AWG-9 Radar System.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,300 hours per year

12. Provide the projected utilization data out to FY 1997.

1,300 hours per year

13. What is the approximate number of personnel used to operate the facility/equipment?

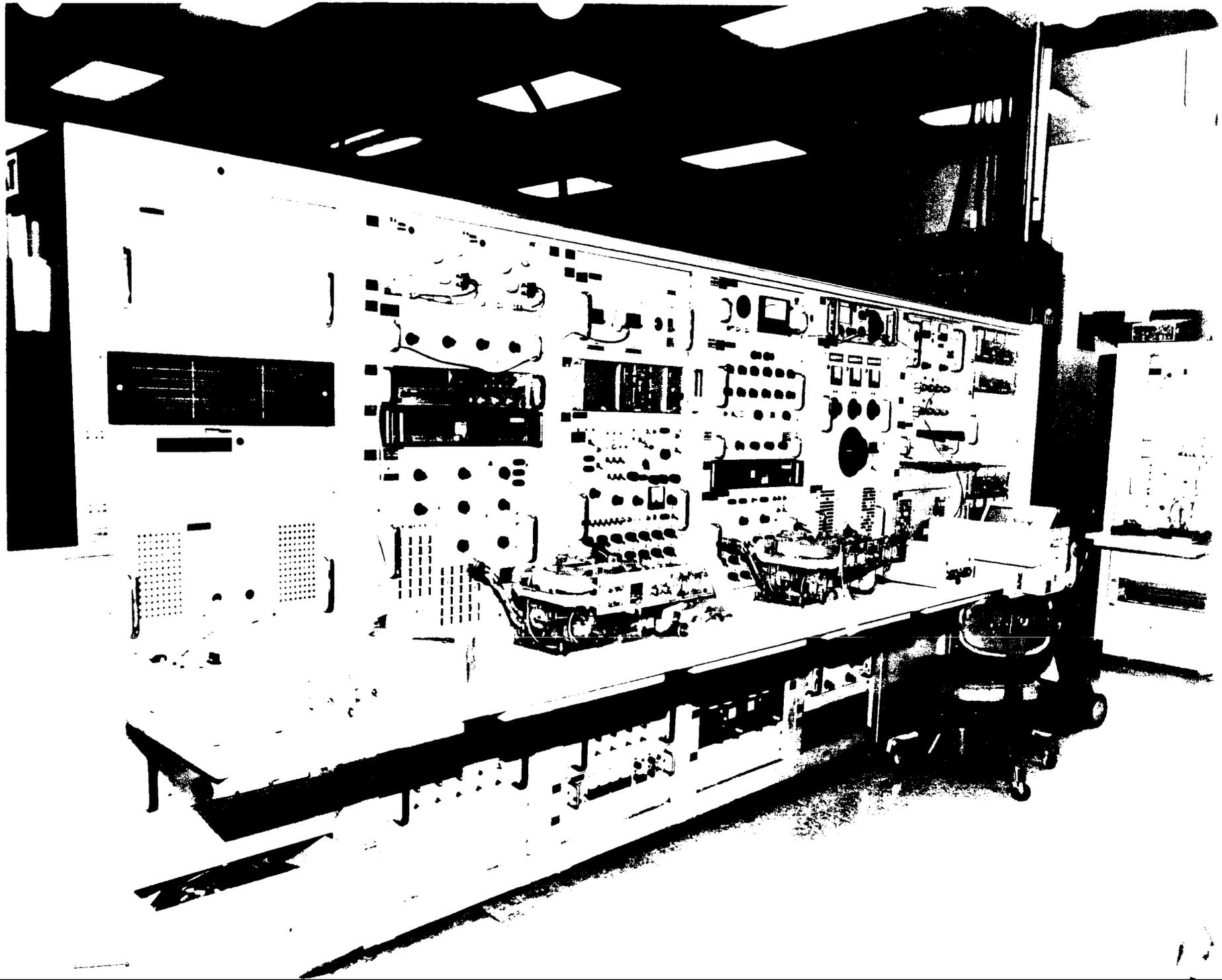
One

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

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NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Many of these test stations exist in the Navy. This is an "I" Level test station. Requires air conditioning for relocation site.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island in 1972. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports F-14 AWG-9 Radar System.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,300 hours per year

12. Provide the projected utilization data out to FY 1997.

1,300 hours per year

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Radar Set Test Station (APG-65) (3 each)

1. State the primary purpose(s) of the facility/equipment.

Tests F/A-18 APG-65 Radar System

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1,500,000 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 5,000 pounds each Cube = 252 cubic feet each

12' x 3' x 7'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Needs liquid nitrogen and radar coolant

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

ACTIVITY: N65888
NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Many of these test stations exist in the Navy. This is an "I" Level test station. Somewhat difficult to relocate, needs clean nitrogen and air conditioning.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island (2 each in 1987 and 1 each in 1986). Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Support F/A-18 APG-65 Radar System.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,700 hours per station

12. Provide the projected utilization data out to FY 1997.

1,700 hours per station

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.04 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Hybrid Test System (4 each)

1. State the primary purpose(s) of the facility/equipment.

Test various F/A-18 electronic components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 800,000 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 4,000 pounds each Cube = 168 cubic feet each

8' x 3' x 7'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Many of these test stations exist in the Navy. This is an "I" Level test station. Somewhat difficult to relocate, requires air conditioning.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped to North Island (two in 1989, one in 1985 and one in 1990). Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports various F/A-18 electronic components.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,700 hours per station per year

12. Provide the projected utilization data out to FY 1997.

1,700 hours per station per year

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



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NORTH ISLAND

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Need 5565 to replace it rather than relocate it.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received 1969. Transported by truck, installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,700 hours per year

12. Provide the projected utilization data out to FY 1997.

1,700 hours per year

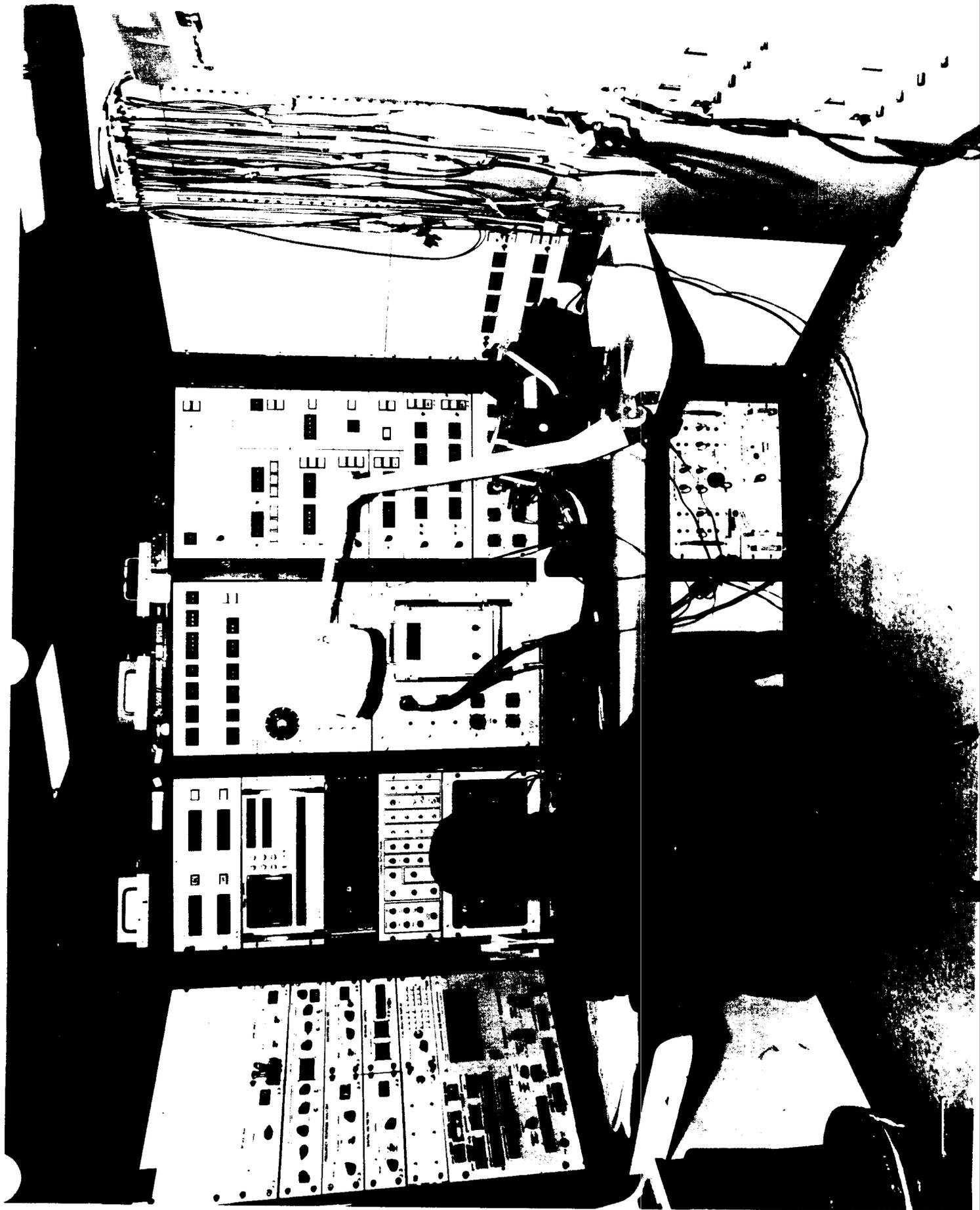
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.10 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	AN/ARC-182A Test Station (6 each)

1. State the primary purpose(s) of the facility/equipment.

Tests ARC-182 Radio components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 528,136 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 4,200 pounds each Cube = 252 cubic feet each

12' x 3' x 7'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Only at NADEP North Island. Somewhat difficult to relocate, requires air conditioning and special handling. Loss would impact ability to maintain and repair ARC-182 radio components.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received 1991. Transported by enclosed truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,600 hours per year per station

12. Provide the projected utilization data out to FY 1997.

1,600 hours per year per station

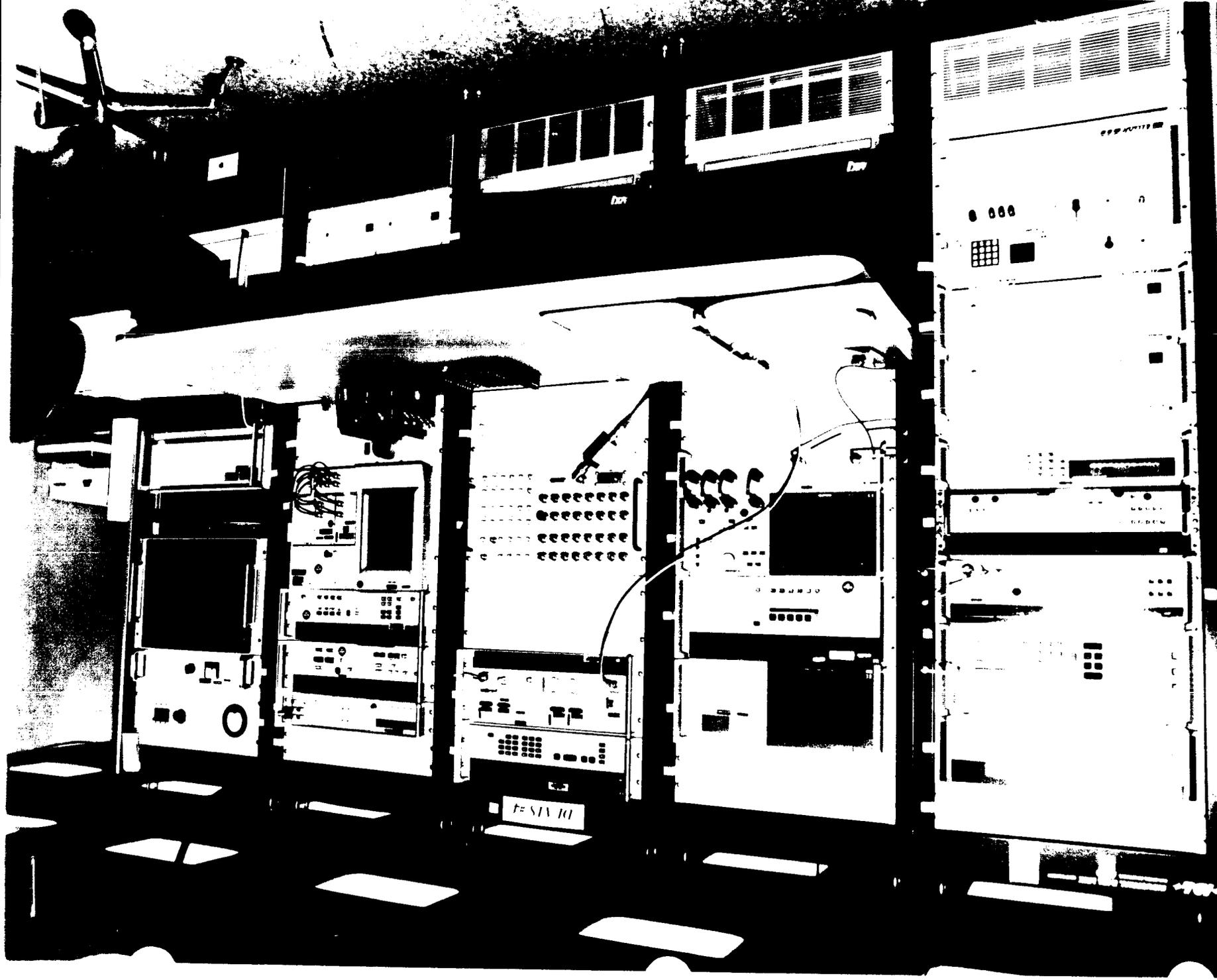
13. What is the approximate number of personnel used to operate the facility/equipment?

One per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.05 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	AN/USM-467 Test Station (RADCOM) (2 each)

1. State the primary purpose(s) of the facility/equipment.

Tests E-2C Radar components

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1,146,220 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 2,800 pounds each Cube = 168 cubic feet each

8' x 3' x 7'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

"I" Level Tester available Navy wide. Not difficult to relocate if air conditioned site is available.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

One received in 1989 and one in 1986. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports E-2 airborne electronics.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993) Define the unit of measure used.

1,700 hours per year per station

12. Provide the projected utilization data out to FY 1997.

1,700 hours per year per station

13. What is the approximate number of personnel used to operate the facility/equipment?

One per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.09 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Only at this activity in the Navy - one other in DoD. Somewhat difficult to relocate, special handling and air conditioning.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received in 1981. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,600 hours per year

12. Provide the projected utilization data out to FY 1997.

1,600 hours per year

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.07 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

DRATS



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and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Only one Depot for E-2C rotodome repair. Vendor support capable. Difficult to move, equipment is part of antenna test range.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received 1986. Transported by truck, assembled and installed by NADEP Technicians with contractor assistance.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports E-2C antennas.

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,600 hours per year

12. Provide the projected utilization data out to FY 1997.

1,600 hours per year

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.07 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Navy wide test set. Minimum impact if lost, replacements available.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received 1974. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports E-2/C-2 Radar

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

500 hours per year

12. Provide the projected utilization data out to FY 1997.

500 hours per year

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.07 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Navy wide test set. Impact if lost, backlog of E-2C radar repair until replacement.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received 1978. Transported by truck and installed by NADEP Technicians.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Supports E-2C Radar

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

700 hours per year

12. Provide the projected utilization data out to FY 1997.

700 hours per year

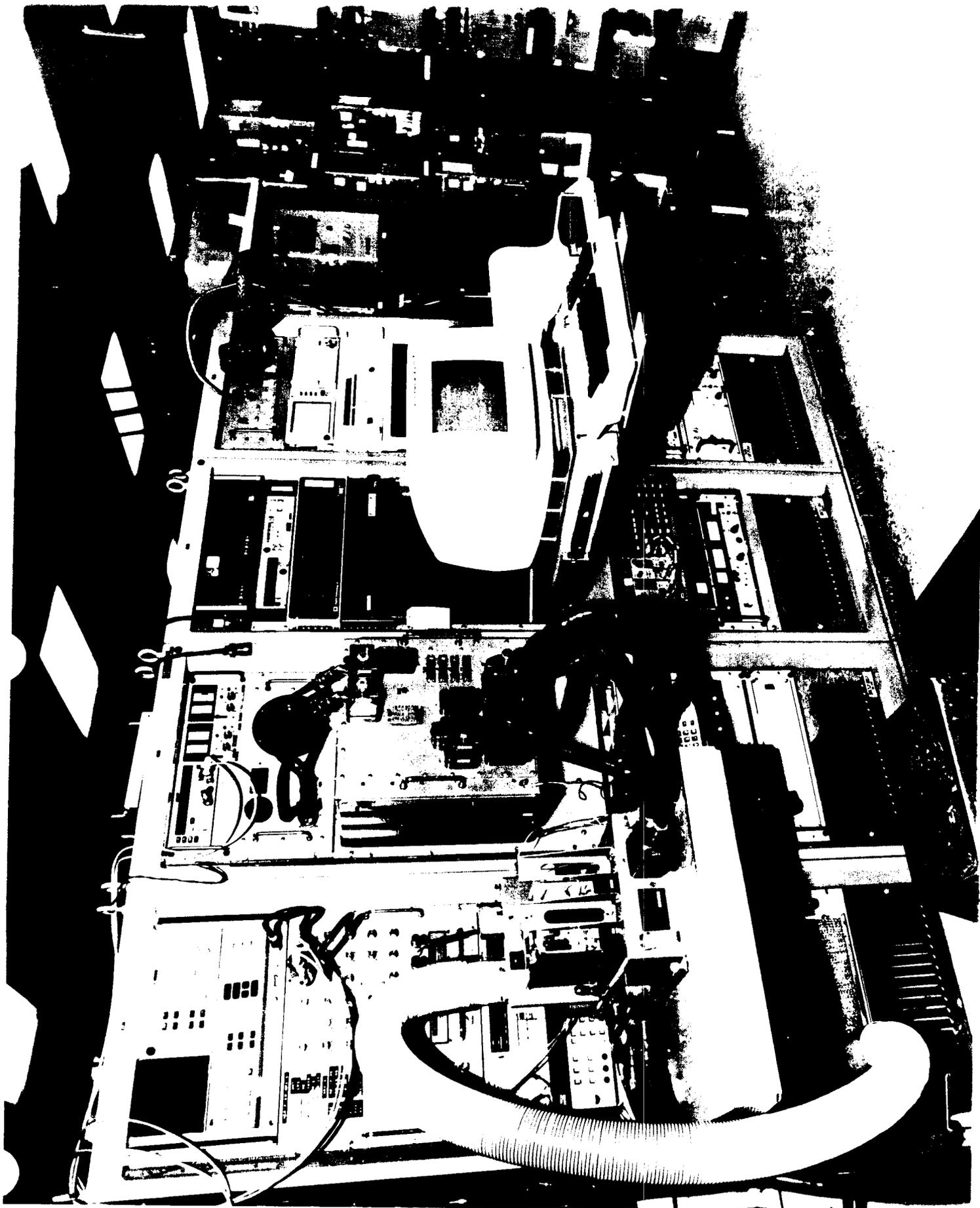
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Auto Test System Test Station (2 each)

1. State the primary purpose(s) of the facility/equipment.

Multiple workload - electronics

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 515,215 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 800 pounds each Cube = 15 cubic feet each
3' x 1' x 5'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Air conditioning

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Depot level common support equipment

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier and installed by in-house personnel. Received 1988

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

500 hours per year per station

12. Provide the projected utilization data out to FY 1997.

500 hours per year per station

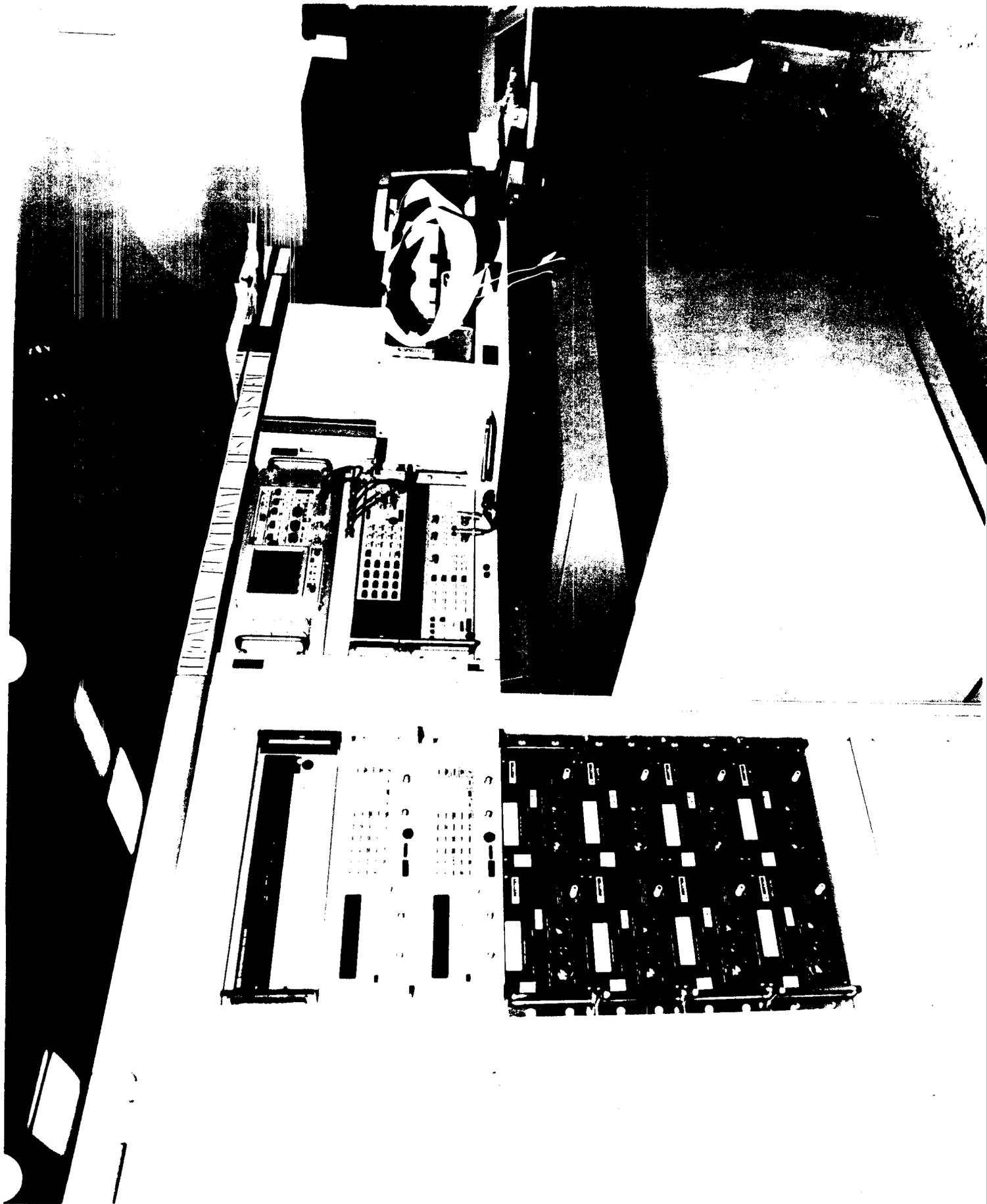
13. What is the approximate number of personnel used to operate the facility/equipment?

One per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.05 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Automated Generator Test Stand (2 each)

1. State the primary purpose(s) of the facility/equipment.

Tests F/A-18 generators

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 618,931 each

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 17,000 pounds each Cube = 1,092 cubic feet each

26' x 6' x 7'

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Enclosed room for containment (high speed rotation) and ventilation for load banks.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

General purpose common equipment, used multiple locations. Difficult to relocate, requires enclosed room, electrical power, ventilation for load banks.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received 1987. Transported by truck and installed by NADEP Technicians with contractor assistance.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

F/A-18 generator testing/repair.
Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

1,600 hours per year per system

12. Provide the projected utilization data out to FY 1997.

1,600 hours per year per system

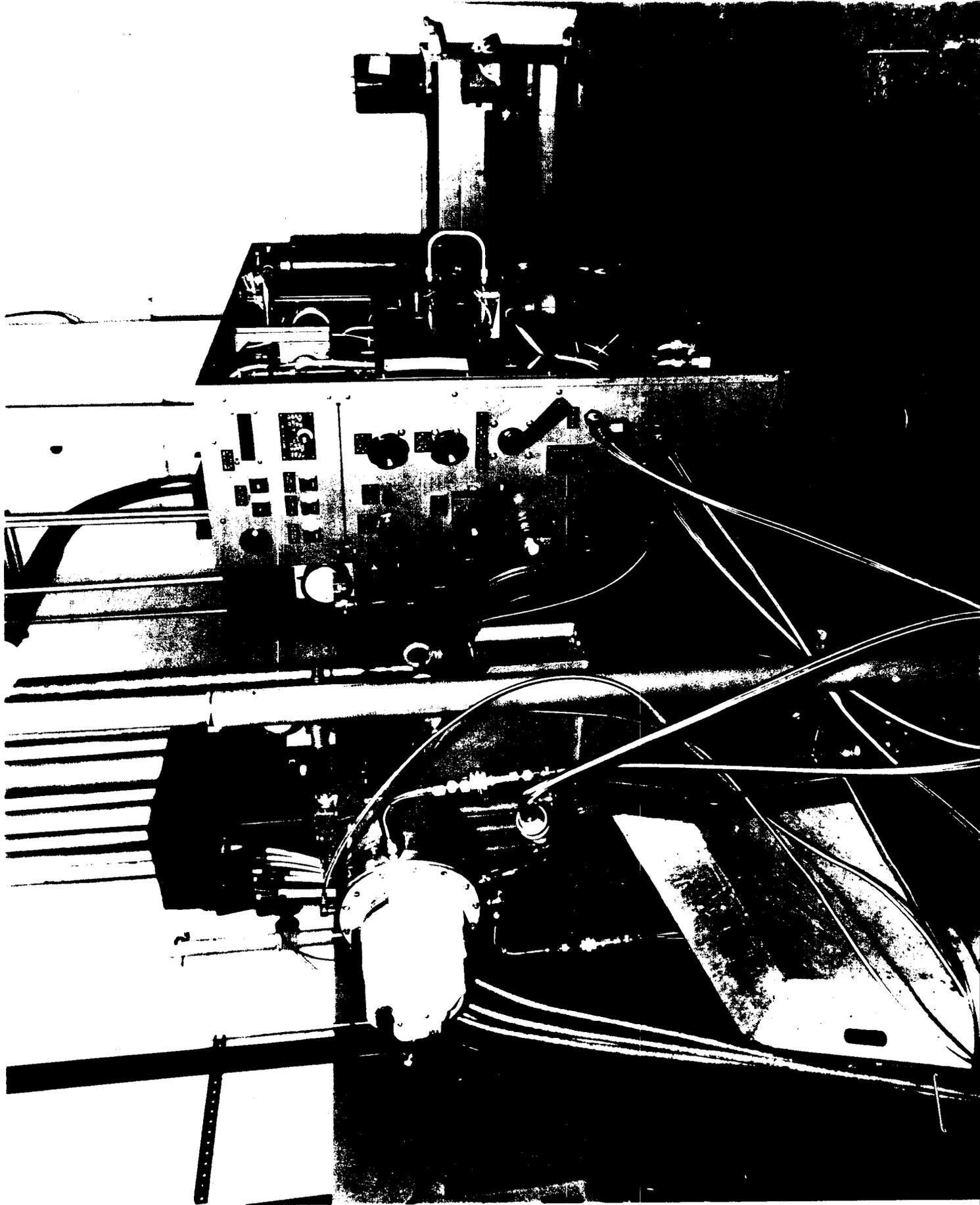
13. What is the approximate number of personnel used to operate the facility/equipment?

One per system

14. What is the approximate number of personnel needed to maintain the equipment?

0.07 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Radar Set Test Station

1. State the primary purpose(s) of the facility/equipment.

Test and develop avionics software and test avionics hardware.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable using special equipment.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1.6M

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 3,200 pounds Cube = 280 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

400 cycle power, 28 volt DC

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Rail installation

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Impact engineering investigation update of test program sets for the F/A-18 and AV-8B. Somewhat difficult to relocate, requires air conditioning, install on rails and special handling.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor. FY 1987.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

70% utilization

12. Provide the projected utilization data out to FY 1997.

70% utilization

13. What is the approximate number of personnel used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

0.09 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Hybrid Test Station (HTS) (3 each)

1. State the primary purpose(s) of the facility/equipment.

Tests and develops avionics software and hardware.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable, using special equipment.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 800,000 each Total = \$2,400,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 1,600 pounds each Cube = 240 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Rail mounted

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity controlled.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Impacts engineering investigation and updates of test program sets, F/A-18, AV-8, SH-60, F-14 and EA-6. Somewhat difficult to relocate, rail mounted, requires air conditioning and special handling.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor. FY 1983, FY 1987 and FY 1991.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

90% utilization per station

12. Provide the projected utilization data out to FY 1997.

90% utilization per station

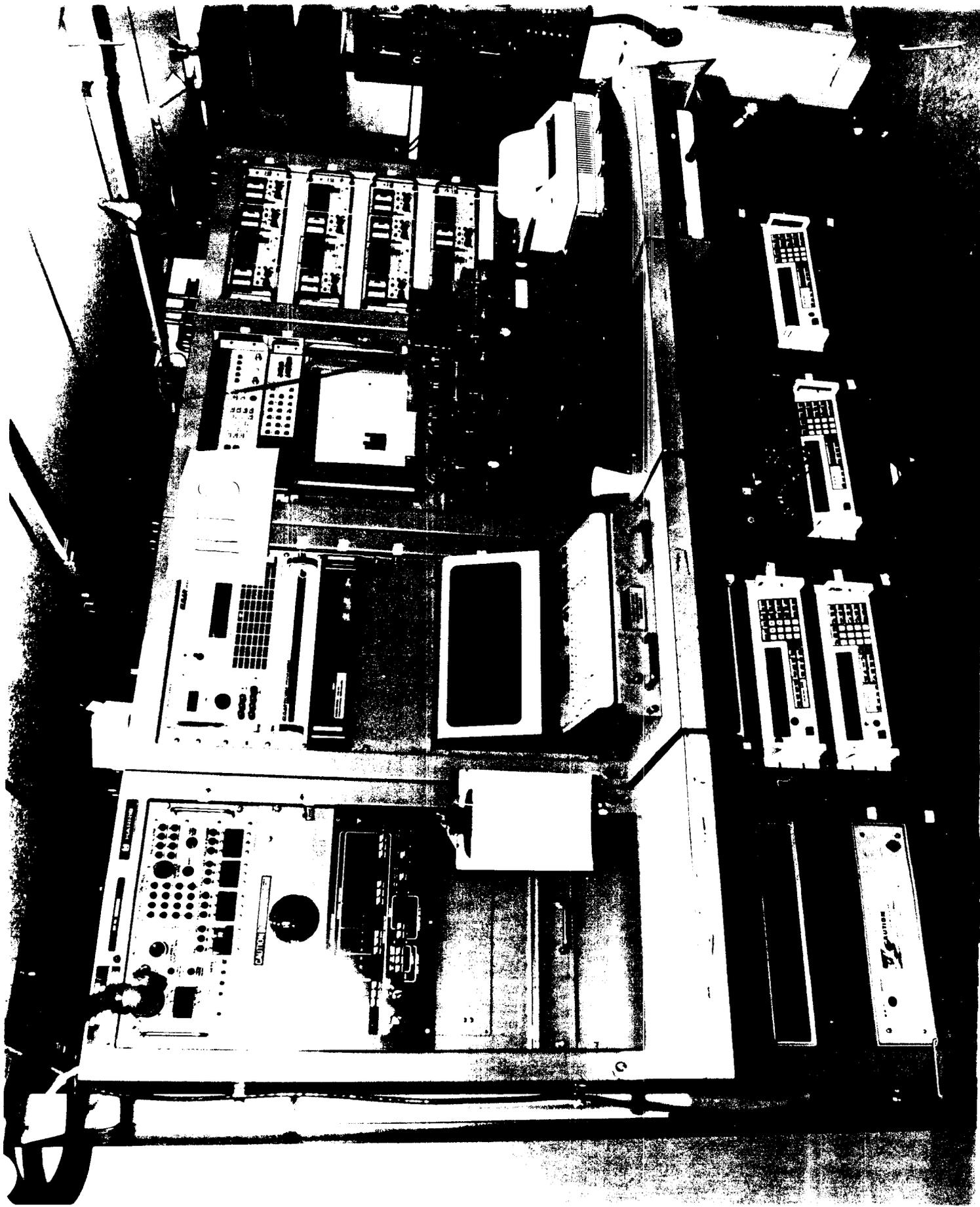
13. What is the approximate number of personnel used to operate the facility/equipment?

Two per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.09 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Inertial Measurement Unit Test Stand (2 each)

1. State the primary purpose(s) of the facility/equipment.

Tests inertial measurement (engineering investigations) for F/A-18, AV-8, SH-60, F-14 and EA-6.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable, with special equipment.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 650,000 each Total = \$1,300,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 800 pounds each Cube = 112 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Normal power

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity controlled

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Impacts engineering investigation capability for F/A-18, AV-8, SH-60, F-14 and EA-6. Somewhat difficult to relocate, requires air conditioning and special handling.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor (NADEP Technicians). FY 1988.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

30% utilization per station

12. Provide the projected utilization data out to FY 1997.

40% utilization per station

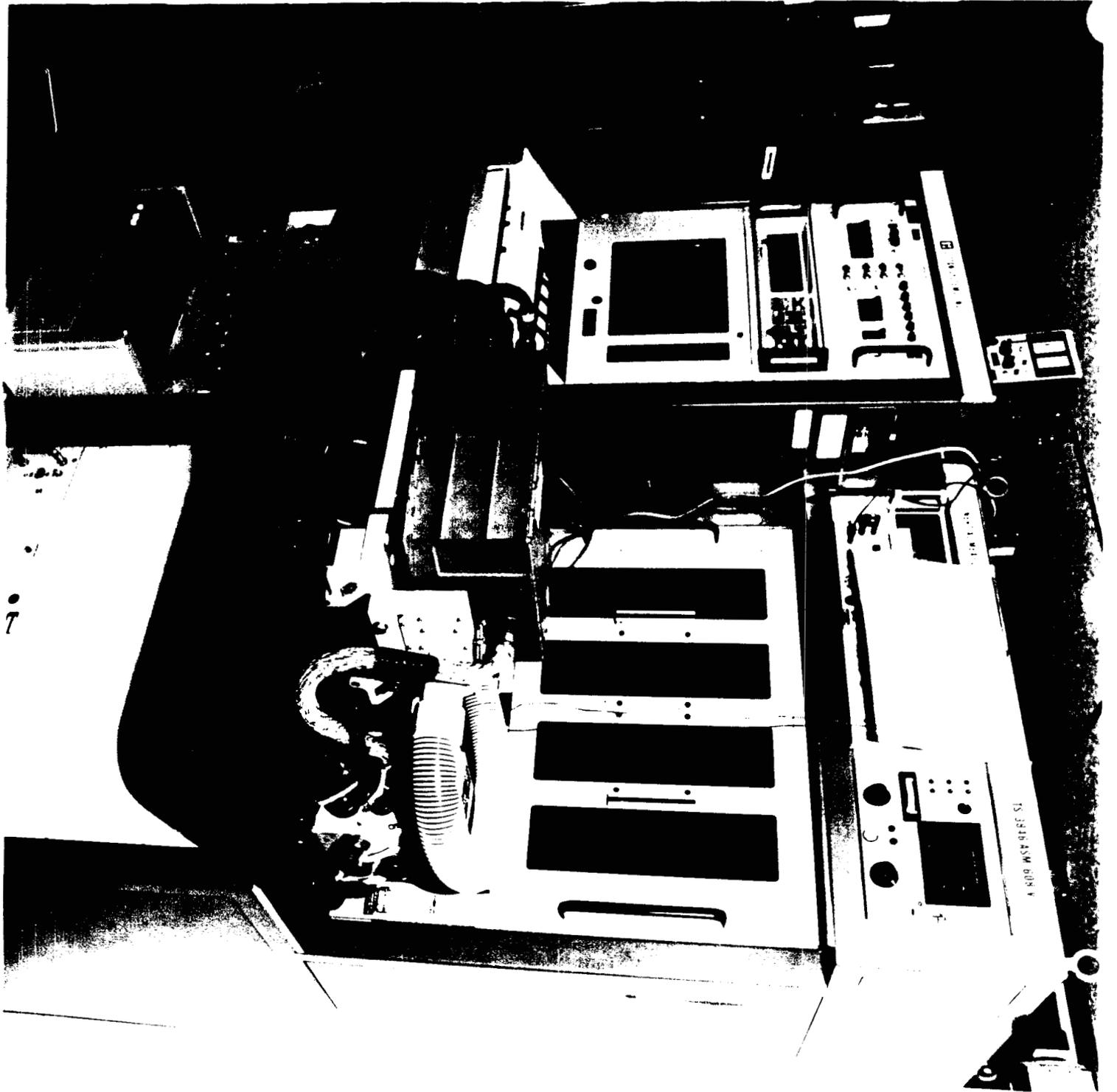
13. What is the approximate number of personnel used to operate the facility/equipment?

One per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.12 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Computer Aided Tester (CAT 3D) (2 each)

1. State the primary purpose(s) of the facility/equipment.

Engineering investigation, test and develop digital equipment for E-2, S-3, F-14 and EA-6.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable, using special equipment.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 700,000 each Total = \$1,400,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 1,500 pounds each Cube = 224 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

400 cycle power, 28 volt DC

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Rail mounted

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Would impact E-2, S-3, F-14 and EA-6 digital radar engineering capability. Somewhat difficult to relocate, requires air conditioning, rail mounted and special handling.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor. FY 1984 and FY 1990.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

30% utilization per station

12. Provide the projected utilization data out to FY 1997.

70% utilization per station

13. What is the approximate number of personnel used to operate the facility/equipment?

Two per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.09 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Radio Communications Tester (RADCOM)

1. State the primary purpose(s) of the facility/equipment.

Engineering investigation of radio communication equipment and navigational equipment, tests and develops software.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable, using special equipment.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 2,800,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 3,000 pounds Cube = 336 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

400 cycle power, 28 volt DC

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Rail mounted

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity controlled

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Would impact Naval air capability to perform engineering investigations on radio communication and guidance system software and equipment. Somewhat difficult to relocate, rail mounted and air conditioning.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor. FY 1987.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Software, in-service engineering, modernization, aircraft navigation systems

Aircraft Repair

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

80% utilization

12. Provide the projected utilization data out to FY 1997.

90% utilization

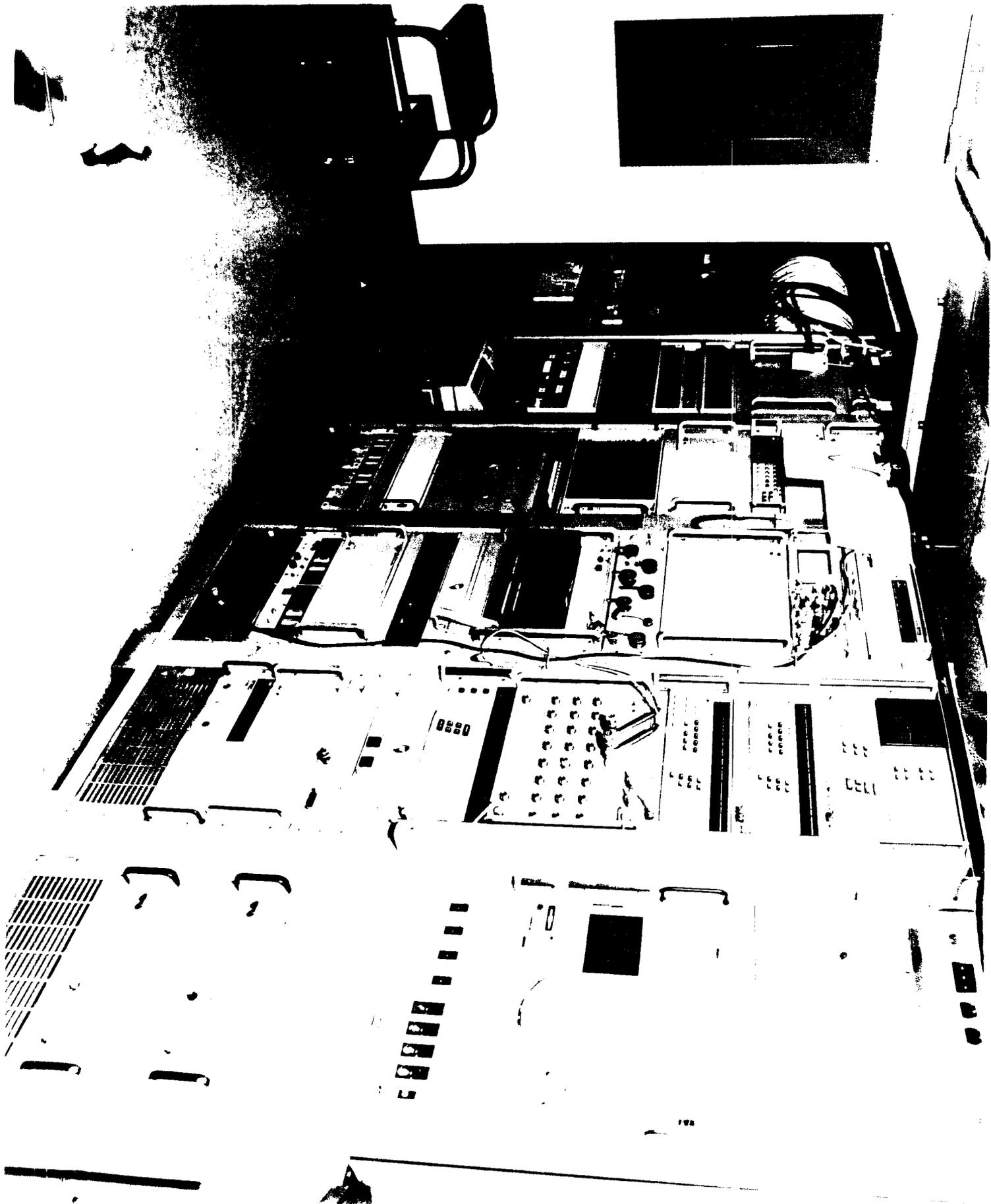
13. What is the approximate number of personnel used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Intermediate Avionics Test Stand

1. State the primary purpose(s) of the facility/equipment.

Tests weapons systems for the F/A-18 aircraft.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable, using special equipment.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1,200,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 800 pounds Cube = 112 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

400 cycle, 28 volt DC

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity controlled.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Impacts Naval air capability to conduct engineering investigation and updates of test program sets for the F/A-18 weapons systems. Somewhat difficult to move, requires air conditioning, 400HZ and 28VDC.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station engineering and labor. FY 1992.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Aircraft Program Support

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993) Define the unit of measure used.

60% utilization

12. Provide the projected utilization data out to FY 1997.

70% utilization

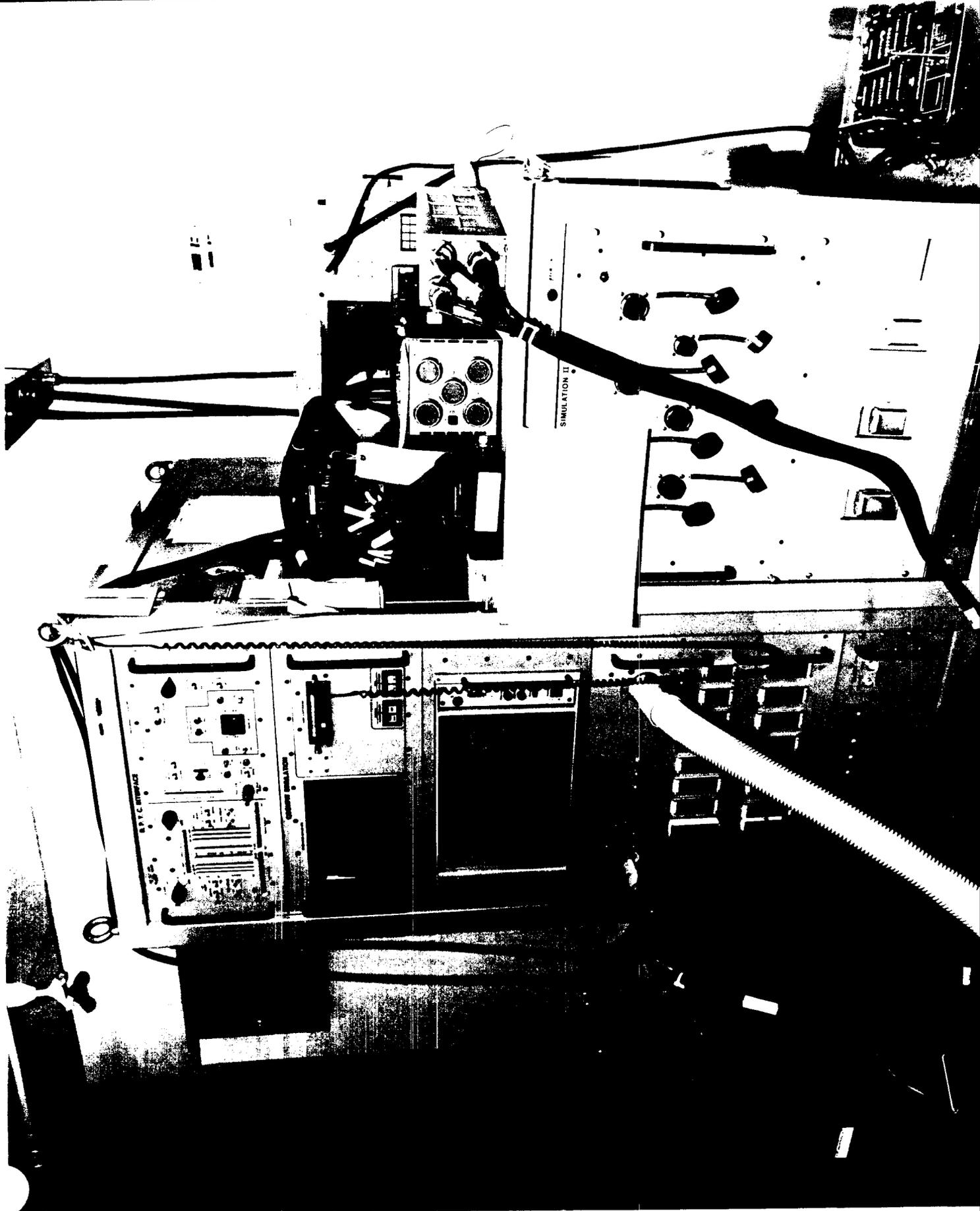
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	VAX 11780

1. State the primary purpose(s) of the facility/equipment.

Supports engineering software support and development (all programs).

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 600,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 700 pounds Cube = 160 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Conditioned power

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Would impact Naval air ability to support engineering software and development (all programs). Somewhat difficult to relocate, air conditioning and conditioned power.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor. 1984.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Software - all programs

Aircraft Program Support

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

80% utilization

12. Provide the projected utilization data out to FY 1997.

80% utilization

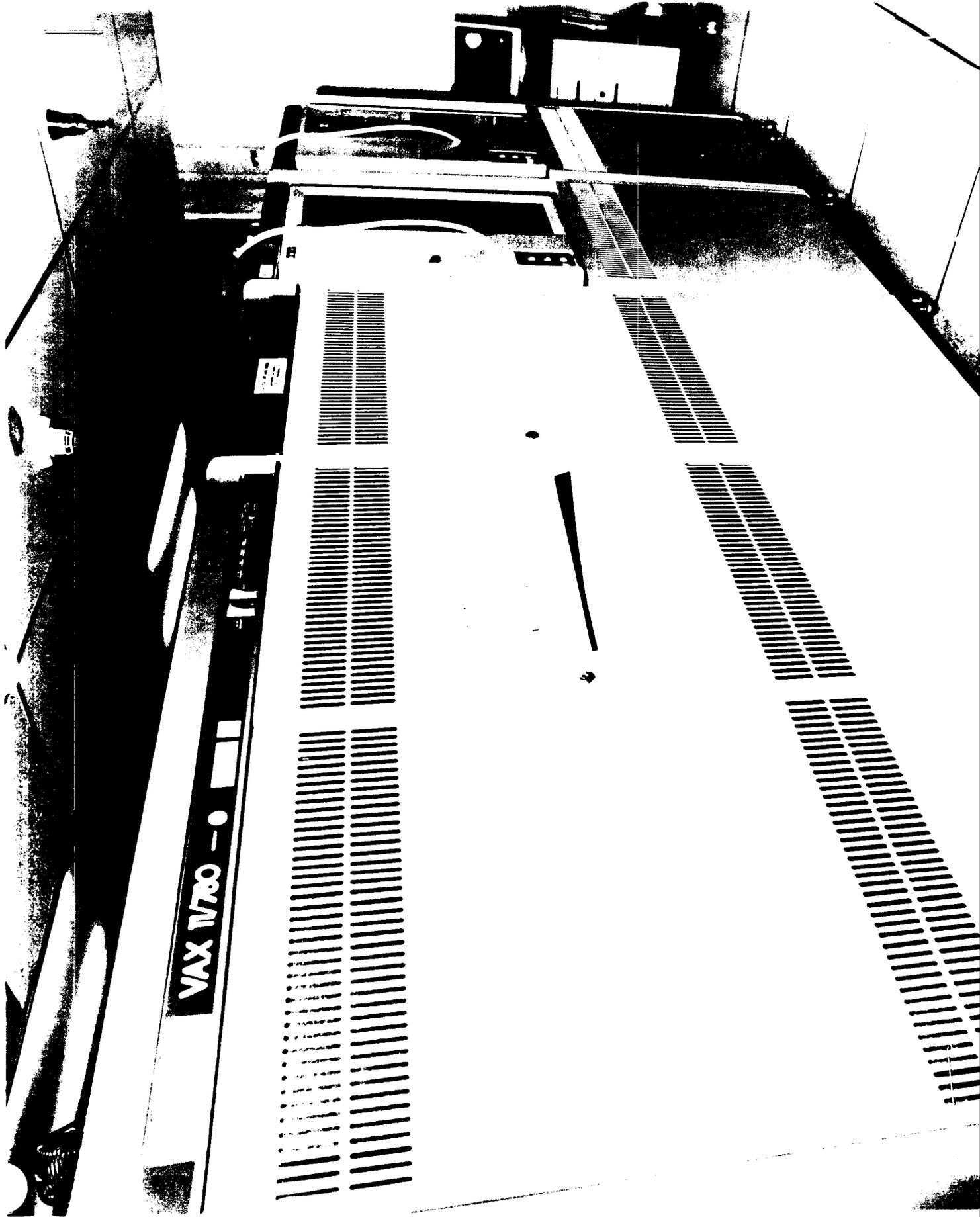
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	VAX 8700

1. State the primary purpose(s) of the facility/equipment.

Engineering software support and development (all programs).

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 600,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 700 pounds Cube = 160 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Conditioned power

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity controlled

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Would impact Naval air ability to support engineering software and development (all programs). Somewhat difficult to relocate, requires air conditioning and conditioned electrical power.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor. 1990.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Software all programs

Aircraft Program Support

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

80% utilization

12. Provide the projected utilization data out to FY 1997.

80% utilization

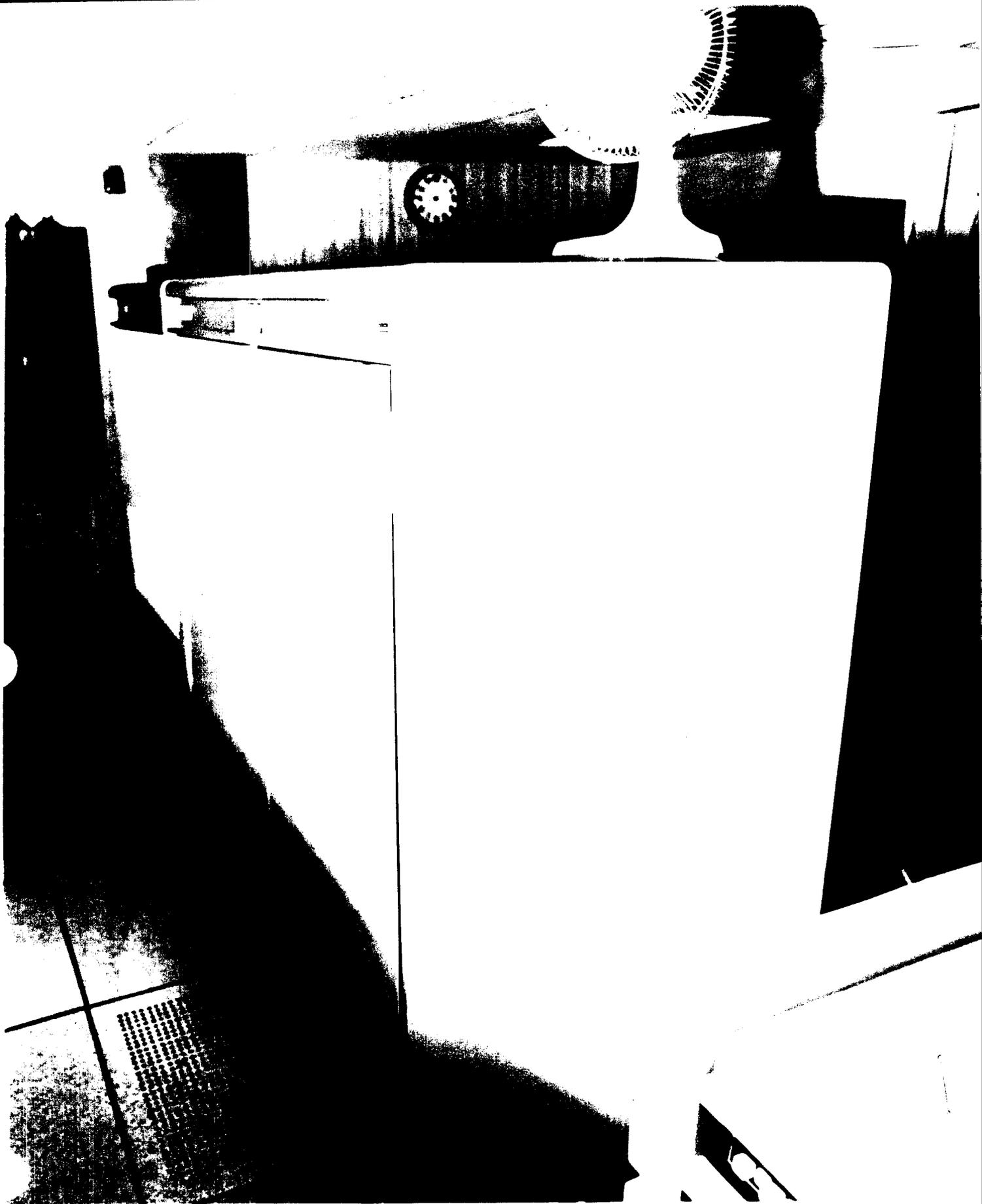
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.06 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Software Support Station RSTS

1. State the primary purpose(s) of the facility/equipment.

Supports engineering investigation, software development - all aircraft programs.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 500,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 800 pounds Cube = 160 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Conditioned power

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Would impact Naval air ability to support engineering software and development (all programs). Somewhat difficult to relocate, requires air conditioning and conditioned electrical power.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by commercial carrier, installed with station labor. 1990.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Software development - all programs.

Aircraft Program Support

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

90% utilization

12. Provide the projected utilization data out to FY 1997.

90% utilization

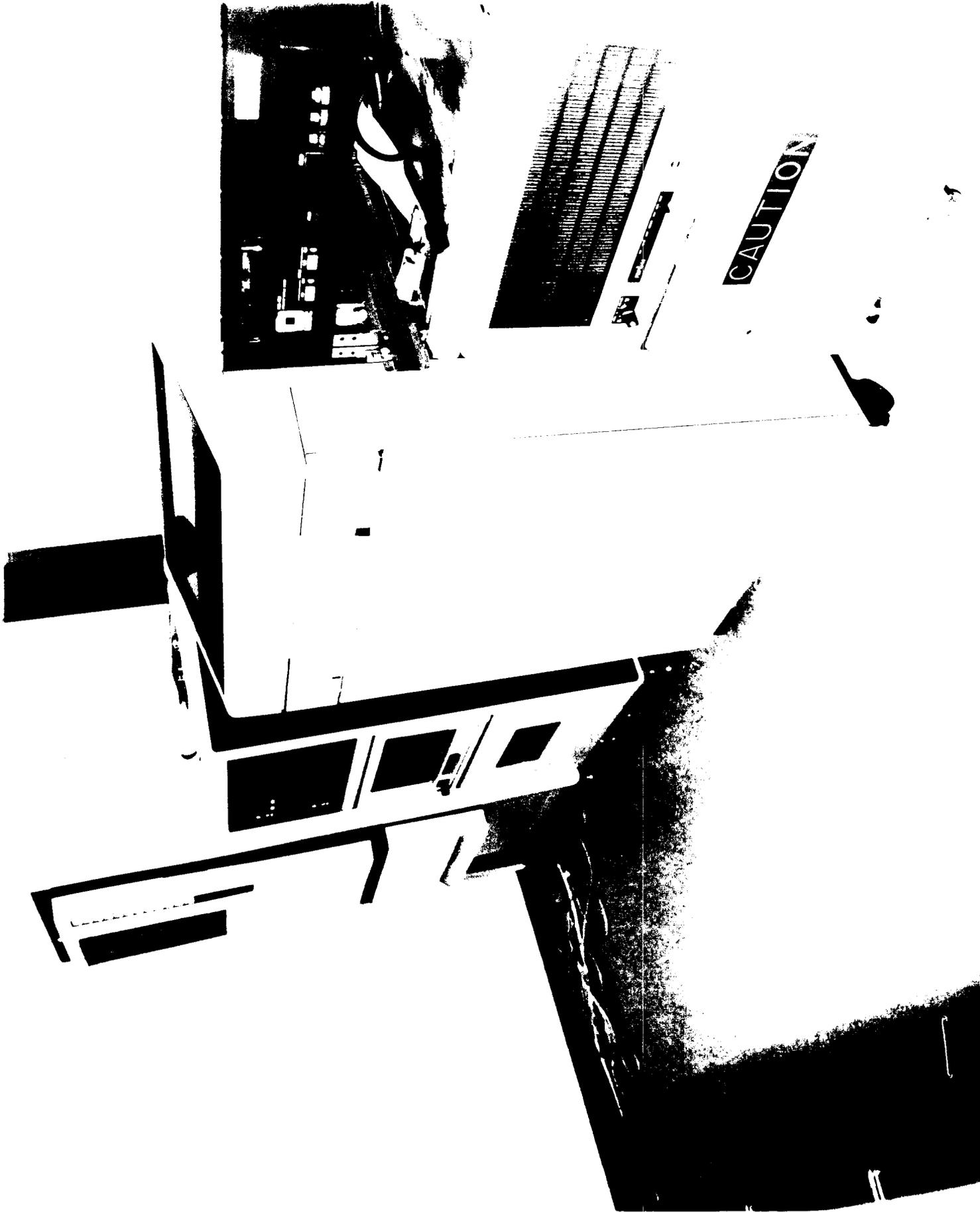
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Consolidated Automated Support System (CASS) Hybrid (3 each)

1. State the primary purpose(s) of the facility/equipment.

Test avionics systems

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable, requires special equipment.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1,200,000 each Total = \$3,600,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 4,300 pounds each Cube = 400 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

400 cycle power

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Card key security locks and fire suppression system.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Difficult because of temperature and humidity control, 400 cycle power, size and weight of equipment. Loss would include support of operation maintenance test programs.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by special air ride commercial carrier and installed on site by contract personnel with site preparation by in-house personnel. 1993.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Air, software

Aircraft Program Support

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

100% per system

12. Provide the projected utilization data out to FY 1997.

100% per system

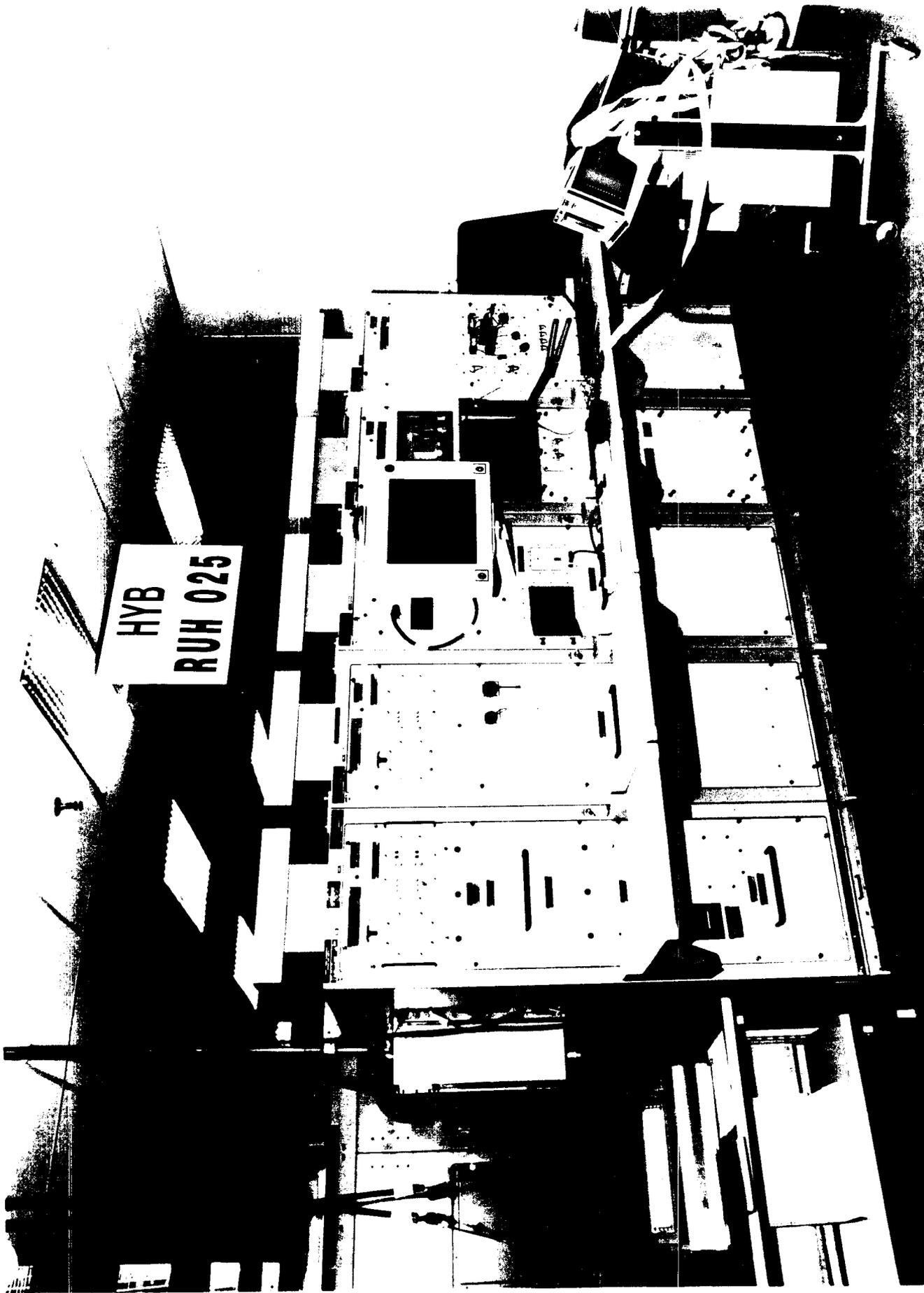
13. What is the approximate number of personnel used to operate the facility/equipment?

One per system

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years. per system

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Consolidated Automated Support System (CASS) CNI Station

1. State the primary purpose(s) of the facility/equipment.

Test avionics systems

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable, requires special equipment

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 2,200,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 5,373 pounds Cube = 398 cubic feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

400 cycle

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Card key security locks and fire suppression system

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this

facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Difficult because of temperature and humidity control, 400 cycle power, size and weight of equipment. Loss would include support of operational maintenance test programs.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by special air ride commercial carrier and installed on site by contract personnel with site preparation by in-house personnel. 1993.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Air, software

Aircraft Program Support

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

100%

12. Provide the projected utilization data out to FY 1997.

100%

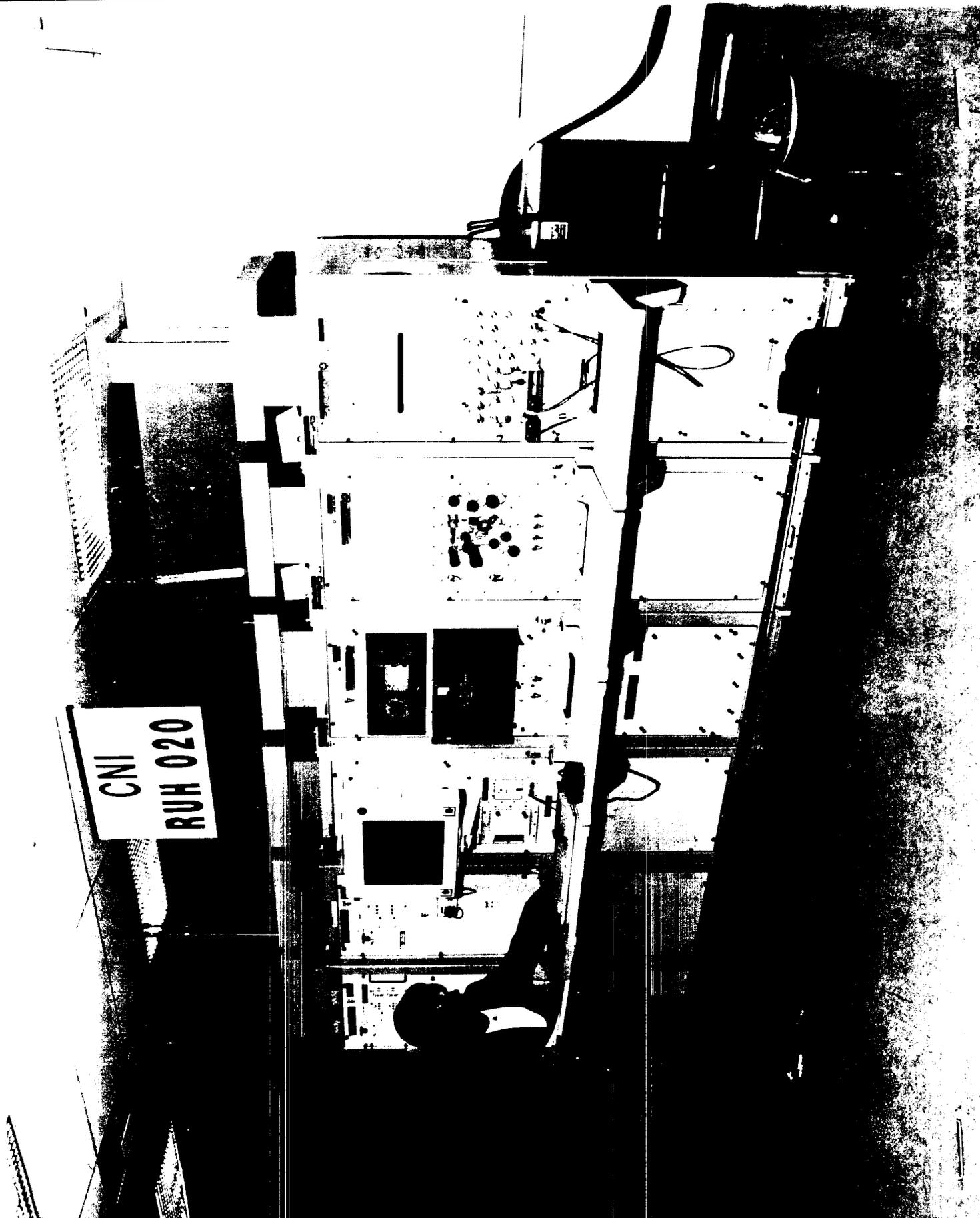
13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



TAB B: SPECIAL FACILITIES AND EQUIPMENT

Facilities/Equipment Capability Form

Activity Name:	NADEP North Island
Facility or Equipment Nomenclature or Title	Consolidated Automated Support System (CASS) RF Station (4 each)

1. State the primary purpose(s) of the facility/equipment.

Test avionics systems

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable, requires special equipment

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = \$ 1,900,000 each Total = \$7,600,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 5,373 pounds each Cube = 398 cubic feet each

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

400 cycle power

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Card key security locks and fire suppression system

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature and humidity control

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Difficult because of temperature and humidity control, 400 cycle power, size and weight of equipment. Loss would include support of operation maintenance test program.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Transported by special air ride commercial carrier and installed on site by contract personnel with site preparation by in-house personnel. 1993.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Air, software

Aircraft Program Support

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

100% per station

12. Provide the projected utilization data out to FY 1997.

100% per station

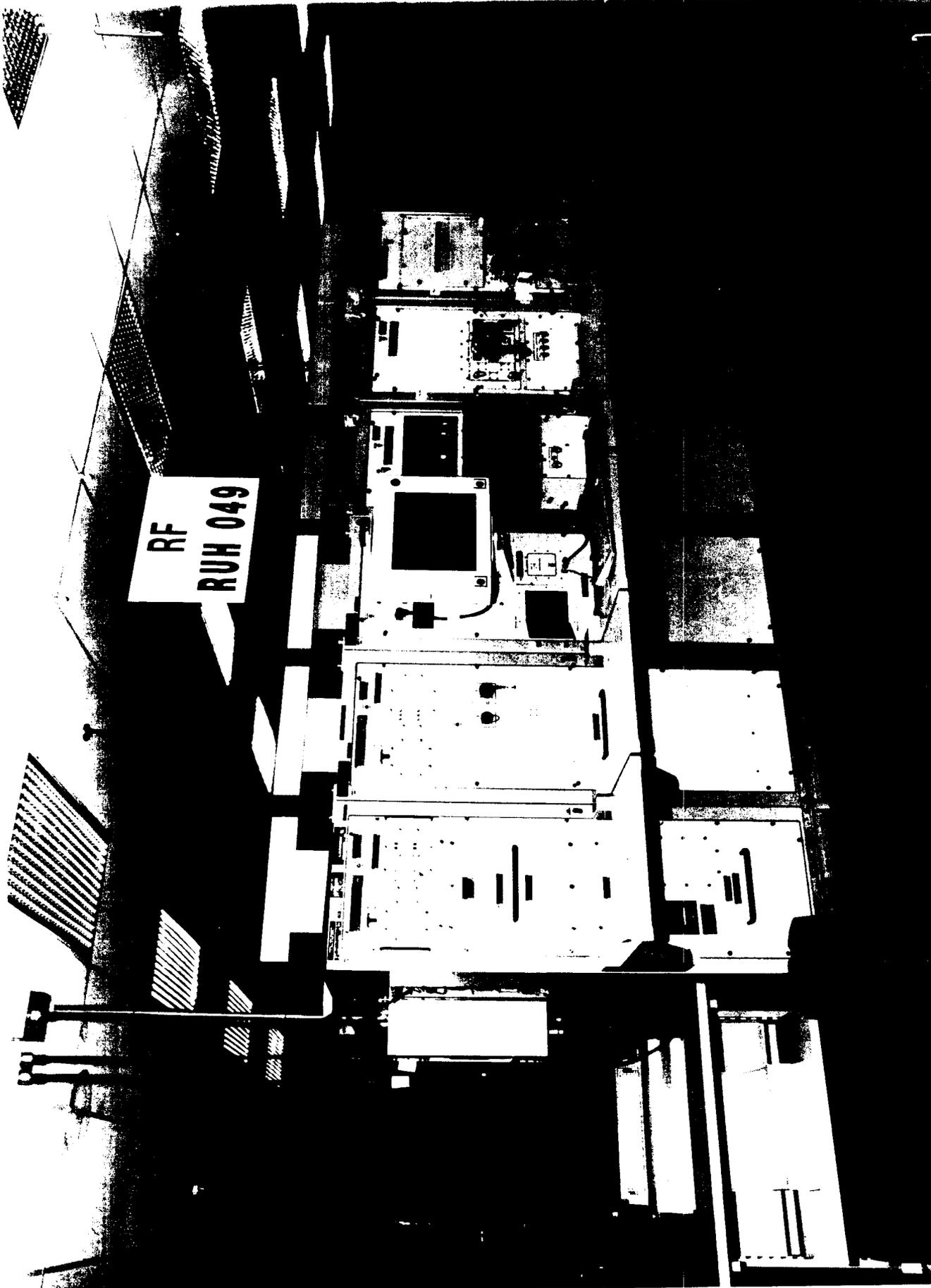
13. What is the approximate number of personnel used to operate the facility/equipment?

One per station

14. What is the approximate number of personnel needed to maintain the equipment?

0.08 Man years.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



APPENDIX A

I. Functional Support Areas (Products)

- 1. Platforms
 - 1.1 Undersea
 - 1.2 Aircraft
 - 1.3 Surface Ship
 - 1.4 Space Satellites
 - 1.5 Ground Vehicles

- 2. Weapons Systems
 - 2.1 Gun Systems
 - 2.2 Guided Missiles
 - 2.3 Free Fall Weapons and Rockets
 - 2.4 Torpedoes
 - 2.5 Mines
 - 2.6 Directed Energy Systems
 - 2.7 Explosives
 - 2.8 Launchers
 - 2.9 Fire Control
 - 2.10 Weapons Data Links
 - 2.11 Weapons Fuzing
 - 2.12 Weapons Propulsion
 - 2.13 Other Ordnance
 - 2.14 Explosive Ordnance Disposal

- 3. Combat System Integration
 - 3.1 Subsurface
 - 3.2 Air
 - 3.3 Surface
 - 3.4 Multiplatform

- 4. Special Operations Support
 - 4.1 Landing Force Equipment and Systems
 - 4.2 Coastal/Special Warfare Support

- 5. Sensors and Surveillance Systems
 - 5.1 Sonar Systems
 - 5.2 Radar Systems
 - 5.3 Special Sensors
 - 5.4 Space Sensor/Surveillance Systems
 - 5.5 Ocean Surveillance

APPENDIX A, continued

I. Functional Support Areas (Products), continued

- 6. Navigation
 - 6.1 Submarine Navigation Systems
 - 6.2 Aircraft Navigation Systems
 - 6.3 Surface Ship Navigation Systems
 - 6.4 Weapons Navigation Systems
 - 6.5 Satellite Navigation Systems

- 7. Command, Control, Communications and Intelligence (C³I)
 - 7.1 Submarine
 - 7.2 Airborne
 - 7.3 Shipboard
 - 7.4 Land-Based
 - 7.5 Space Communications Systems
 - 7.6 Non-Tactical Data Systems
 - 7.7 Air Traffic Control Systems
 - 7.8 Intelligence Information Systems

- 8. Defense Systems
 - 8.1 Ballistic Missile Defense
 - 8.2 Countermeasures (CM)
 - 8.3 Electronic Warfare (EW) Systems

- 9. Strategic Programs
 - 9.1 Navy Strategic Systems
 - 9.2 Nuclear Weapons and Effects

- 10. General Mission Support
 - 10.1 Personnel and Training
 - 10.1.1 Submarine-Related Training Systems
 - 10.1.2 Aircraft-Related Training Systems
 - 10.1.3 Surface Ship-Related Training Systems
 - 10.1.4 Weapons-Related Training Systems
 - 10.1.5 Human Resources Research and Development
 - 10.2 Logistics Planning and Implementation
 - 10.3 Facilities Engineering
 - 10.4 Diving, Salvage and Ocean Engineering
 - 10.5 Environmental Description, Prediction, and Effects

APPENDIX A, continued

I. Functional Support Areas (Products), continued

- 10.6 Crew Equipment and Life Support
 - 10.6.1 Submarine
 - 10.6.2 Aircraft
 - 10.6.3 Surface Ship
 - 10.6.4 Medical Research and Combat Casualty Care
 - 10.6.5 Clothing and Textiles
- 10.7 Major Range Development and Operation
- 10.8 Other Subsidiary Systems or Components
- 10.9 Activity Mission and Function Support

- 11. Generic Technology Base
 - [Includes basic research and exploratory development (Budget Categories 6.1 & 6.2) projects that do not fit under the more warfare-focused functional support areas.]
 - 11.1 Computers
 - 11.2 Software
 - 11.3 Communications Networking
 - 11.4 Electronic Devices
 - 11.5 Materials and Processes
 - 11.6 Energy Storage
 - 11.7 Propulsion and Energy Conversion
 - 11.8 Design Automation
 - 11.9 Human-System Interfaces
 - 11.10 Other Technology Base Programs

APPENDIX A, continued

II. Life-Cycle Work Areas

RDT&E

1. Basic Research
2. Exploratory Development
3. Advanced Development
4. Engineering and Manufacturing Development
5. RDT&E Management Support
6. Operational Systems Development

Acquisition

7. Production
8. Acceptance Testing
9. Modernization
10. Program Support

Life-Time Support

11. Maintenance
12. Repair
13. Testing
14. In-Service Engineering
15. Program Support
16. Retirement

General

17. Training/Operational Support
18. Simulation, Modeling and Analysis

APPENDIX B

I. Functional Support Area Definitions

1. **Platforms.** Those self-propelled, boosted or towed conveyances used for the strategic and tactical deployment of forces, weapons, materials and supplies in support of naval warfare. Projects within this area are limited to those in which the principal objective is to provide technological wherewithal to develop Navy aerospace craft, ships, submarines, boats, and amphibians.

1.1 *Undersea.* Self-propelled, boosted, or towed conveyances for transporting a burden under the sea. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are submarines and other submersibles including their application as unmanned autonomous vehicles (UAV) and targets.

1.2 *Aircraft.* Self-propelled, boosted, or towed conveyances for transporting a burden through the air. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and control systems and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are all air vehicles including their application as UAVs and targets.

1.3 *Surface Ship.* Self-propelled, boosted, or towed conveyances for transporting a burden on land or sea. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are ships and craft including their application as UAVs and targets.

1.4 *Space Satellites.* A device or spacecraft in orbit. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, and control systems, inherent in its construction and operation.

1.5 *Ground Vehicles.* Self-propelled, boosted, or towed conveyances for transporting a burden on land. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement

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equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

2. **Weapons Systems.** A system that provides the capability to defeat naval and military targets by destructive means. Included are counter-countermeasures and other design features to reduce the susceptibility of the weapon to counter actions, but excluded are those projects in which the principal objective is to counter a weapons system or those efforts to make a system (other than weapons) less vulnerable to enemy weapons.

2.1 *Gun Systems.* Ordnance which fires projectiles; includes related ammunition (guided projectiles are included in "guided missiles". Included are gun systems aboard aircraft and ships, and gun systems used by personnel.

2.2 *Guided Missiles.* Weapons, either self-propelled, (i.e., reaction launched) or impulse driven (i.e. gun/tube impulse launched) capable of homing on, or following a beam or command signals through the air to a target (includes guided projectiles). Included are missiles that are launched by submarine, aircraft, and ship.

2.3 *Free Fall Weapons and Rockets.* Free fall weapons are those air-delivered weapons, including components and subsystems, which follow a ballistic trajectory after gravity launch without any guidance other than that from the initial orientation and velocity of the launching aircraft. A rocket is a self-propelled airborne vehicle whose trajectory or course, while in flight, cannot be controlled.

2.4 *Torpedoes.* Self-propelled, guided or unguided underwater weapons. Included are torpedoes launched by submarine, aircraft, and ship.

2.5 *Mines.* Self-activating standoff or contact explosive devices that are designed to destroy or damage ground vehicles, boats, ships, or aircraft, or designed to wound, kill, or otherwise incapacitate personnel.

2.6 *Directed Energy Systems.* Devices and techniques for generating and focusing high-intensity beams of electromagnetic energy or charged particles upon targets with lethal effects.

2.7 *Explosives.* Metastable compounds which can rapidly release large quantities of energy mostly in the form of hot, high-pressure gases. Explosives are used in naval munitions such as

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mines, torpedoes, missiles, etc., and also in other Navy products such as aircraft escape systems, fuse trains, etc.

2.8 *Launchers.* That group of devices, components, or subsystems needed to support, hold, and launch expendable weapons, countermeasure devices, or other stores; the control systems for managing these systems and the stores they carry.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

2. Weapon Systems, continued

2.9 *Fire Control*. Those platform-based systems which provide data for and/or control the launch platform/weapon/weapon-target interaction in all phases required by a weapons system (e.g., acquisition, track, commit-to-fire-pre-launch, post-launch, mid-course, terminal intercept, and assessment). Included are systems that are based undersea, aboard aircraft, shipboard, and on land.

2.10 *Weapons Data Links*. Efforts include the data links that are part of the weapon's command, control and communications systems.

2.11 *Weapons Fuzing*. Efforts leading to the design of systems to sense a target or the result of other prescribed conditions such as time, barometric pressure, command, etc., and initiate a train of fire. Safing and arming are primary functions performed by a fuse to preclude initiation of the ammunition before the desired position or time.

2.12 *Weapons Propulsion*. Included are propellants, subsystems and systems that comprise the means by which a weapons system moves through the air or sea.

2.13 *Other Ordnance*. Includes efforts that do not fit in the above categories (e.g., pyrotechnics, gas generators, CAD/PAD/AEPS).

2.14 *Explosive Ordnance Disposal*. Efforts relating to the technical support of explosive ordnance disposal technology and training.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

3. **Combat System Integration.** That effort required to introduce a new system into the operating forces. It involves the integration and evaluation of a new hardware or software subsystem installed in a Navy platform. It includes the mating, installation, and operational support of the resulting higher level system to ensure optimum operating performance.

3.1 *Subsurface.* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into undersea platforms.

3.2 *Air.* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into air platforms.

3.3 *Surface.* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into surface platforms.

3.4 *Multiplatform.* The integration of multiplatform hardware and software subsystems to make up a higher level system, including the mating, installation, and operational support (including training systems) of this higher level system.

4. **Special Operations Support.** Those efforts which are in support of amphibious landing, Marine Corps operations, special warfare and other unique operations. It includes weapons, countermeasures, surveillance and a command support which are developed specifically for the projection of forces ashore and that do not have an application by the Navy general forces in the role of sea control.

4.1 *Landing Force Equipment and Systems.* Involved is that RDT&E effort which is not functionally a part of the amphibious platform. Specifically, this includes reconnaissance of amphibious objective areas, environmental support of amphibious operations, amphibious logistics and the integration of the amphibious and Marine Corps systems required to land amphibious forces on a

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hostile shore and establish a beachhead. (Contingency facilities in support of forces ashore are included in "facilities".)

APPENDIX B, continued

I. Functional Support Area Definitions, continued

4. Special Operations Support, continued

4.2 *Coastal/Special Warfare Support.* Techniques and systems required to defend coastal, inshore and harbor facilities as well as those needed to conduct operations such as reconnaissance, deception, coastal or offshore interdiction and assault, counterinsurgency, intelligence gathering, remote sensor operation and waterborne intrusion detection. Special warfare systems include systems, techniques, and concepts utilized by specifically cross-trained personnel in unconventional warfare and coastal/riverine operations.

5. **Sensors and Surveillance Systems.** Those systems used to systematically observe air, space, surface and subsurface areas to detect, classify, localize and identify real or potential military targets. Excluded are those projects in which the principal objective is navigation, weapon fire control or broadbased investigation of the properties of the media or the propagation of energy therein.

5.1 *Sonar Systems.* Those sonar systems and devices used to conduct search, reconnaissance, and surveillance operations to detect, classify, locate, and/or track targets. Included are those systems and devices that are mobile aboard undersea, air, and surface platforms, and those that are fixed.

5.2 *Radar Systems.* Those radar systems and devices used to conduct search, reconnaissance, or surveillance operations to detect, classify, locate, and/or track targets. Included are those systems and devices that are mobile aboard undersea, air, and surface platforms, and those that are fixed.

5.3 *Special Sensors.* Those systems and devices which utilize unique phenomena or methods or combinations of methods to conduct search, reconnaissance, or surveillance operations to detect, classify, locate, and/or track targets. Included are active sensors, passive sensors (e.g., thermal imagers, low light level TV, and infrared search and track systems), and the associated signal and image processing.

5.4 *Space Sensor/Surveillance Systems.* Those devices and systems in Earth orbit that are used to conduct search, reconnaissance, or surveillance operations to detect, classify, locate and/or track targets.

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5.5 *Ocean Surveillance*. Systems and equipment for systematic observation of ocean areas for identification and localization of ships, submarines, and aircraft from fixed and mobile platforms including operational software development, and integration of multi-sensor, coordinated detection data and its display at appropriate sites.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

6. **Navigation.** Those systems which utilize electromagnetic, acoustic, or inertial means to guide or navigate surface, subsurface, or aerospace platforms. Included are those systems deployed aboard submarines, aircraft, surface ships and satellites, as well as those used in weapons systems.

6.1 *Submarine Navigation Systems.* Navigation systems deployed aboard submarines, or other undersea vehicles.

6.2 *Aircraft Navigation Systems.* Navigation systems deployed aboard aircraft.

6.3 *Surface Ship Navigation Systems.* Navigation systems deployed aboard surface ships.

6.4 *Weapons Navigation Systems.* Navigation systems installed within weapon systems, such as guided missiles.

6.5 *Satellite Navigation Systems.* Navigation systems deployed aboard satellites.

7. **Command, Control, Communications and Intelligence (C³I).** The acquisition, processing and dissemination of information required to plan, direct, and control operations. Included are those projects in command and control, communications and intelligence. Excluded are surveillance systems, and guidance and control of vehicles and weapons. These C³ systems may be internal or external to submarine, airborne, surface, and land-based platforms.

7.1 *Submarine.* C³ systems deployed aboard submarines, or other undersea vehicles.

7.2 *Airborne.* C³ systems deployed aboard aircraft.

7.3 *Shipboard.* C³ systems deployed aboard surface ships.

7.4 *Land-Based.* C³ systems deployed at shore facilities.

7.5 *Space Communications.* Communications systems in Earth orbit used to convey information.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

7. Command, Control, Communications and Intelligence (C³I), continued

7.6 *Non-Tactical Data Systems.* Data systems utilized aboard the Navy's operating forces and at shore sites that support ship, submarine and aircraft maintenance, configuration and asset management, supply, inventory, finance, medical, dental, manpower management, administration, food services (ship's mess), and resale operations (ship's stores).

7.7 *Air Traffic Control Systems.* Systems used to promote the safe, orderly, and expeditious movement of air traffic.

7.8 *Intelligence Information Systems.* The systems necessary to conduct the naval warfare task of intelligence. This task involves the assessment and management of information obtained via surveillance, reconnaissance, and other means to produce timely indications and warning, location, identification, intentions, technical capabilities, and tactics of potential enemies and other countries of interest.

8. **Defense Systems.** Those systems that are principally designed to defeat a particular weapon system; those systems that are designed to reduce the effectiveness of an enemy's surveillance, communications, navigation and command and control; as well as those efforts directed toward gathering information on the emissions of enemy systems. It does not include those projects in which the principal objective is to incorporate design features in vehicles, surveillance, communication, navigation and other support systems which reduce their vulnerability to enemy action. It also does not include chemical/biological defense for personnel.

8.1 *Ballistic Missile Defense.* Systems designed to protect civilian population centers, military forces, and territory from ballistic missile attack.

8.2 *Countermeasures (CM).* Those systems that are principally designed to defeat a particular weapon system; reduce the effectiveness of an enemy's surveillance, communications, navigation and command and control; as well as gather information on the emissions of enemy systems. Included are those projects to develop systems deployed aboard submarine, aircraft, and surface ship, and those for countering enemy mine warfare through the destruction or neutralization of mine fields.

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8.3 *Electronic Warfare (EW) Systems.* Those systems, techniques, and devices utilized to determine, exploit, reduce, or prevent hostile use of the electromagnetic spectrum. Included are those projects to develop systems deployed aboard submarine, aircraft, and surface ship, as well as those to develop EW simulators.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

9. Strategic Programs. Programs conducted to support the deployment and use of the Navy's strategic deterrence force, as well as those programs conducted on nuclear weapons and effects.

9.1 Navy Strategic Systems. Those ships and weapon systems, subsystems, devices, techniques, trainers and facilities required specifically for the deployment and use of the Navy's strategic deterrence force.

9.2 Nuclear Weapons and Effects. Nuclear weapons effects and countermeasures, including thermal and nuclear radiation effects and the hardening of components and of weapons systems both nuclear and non-nuclear.

10. General Mission Support. Those major areas of support required by Navy general forces that are not included under platforms, weapons systems, combat system integration, special operations support, sensors and surveillance systems, navigation, C_I, defense systems, strategic programs, and technology base programs.

10.1 Personnel and Training. Human resources research and development for the areas of manpower, personnel, education, and training and its support and service functions for human factors effort in system design, development and acquisition. Included are those systems related to submarine, aircraft, surface ship and weapons training, as well as human resources research.

- 10.1.1 Submarine-Related Training Systems
- 10.1.2 Aircraft-Related Training Systems
- 10.1.3 Surface Ship-Related Training Systems
- 10.1.4 Weapons-Related Training Systems
- 10.1.5 Human Resources Research and Development

10.2 Logistics Planning and Implementation. Projects for those aspects of military operations which deal with the movement, maintenance, supply, and support of Naval forces afloat and ashore, including underway replenishment, warehousing and mobile logistics maintenance and repair activities; material acquisition, control, handling, distribution and disposal processes; and logistics planning, control, and information processing functions.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

10. General Mission Support, continued

10.3 *Facilities Engineering.* Products for (a) ocean facilities including the siting, design, construction/implant, and maintenance of facilities attached to the sea floor such as cable structures, pipelines, communications/power cables and Fleet moorings; (b) contingency facilities and equipment to support Navy and Marine Corps forces ashore in amphibious objective areas and at advanced naval bases; (c) permanent shore facilities such as buildings, piers, drydocks, airfields, POL and weapons storage, and utilities; (d) energy systems ashore including conservation, synthetic fuels, energy self-sufficiency; and (e) environmental protection systems ashore such as industrial waste-water treatment plants, air and noise pollution control devices, and solid waste management systems.

10.4 *Diving, Salvage and Ocean Engineering.* Those support systems and equipment that are required by the Navy in the performance of ocean bottom search, diving, rescue, recovery, salvage operations, and siting, design, construction/implantment, inspection, maintenance and recovery of underwater facilities and associated systems.

10.5 *Environmental Description, Prediction, and Effects.* The study, modeling, and simulation of atmospheric, oceanic, terrestrial, and space environmental effects, both natural and man-made, including the interaction of a weapon system with its operating medium and man-produced phenomena such as obscurants found on the battlefield.

10.6 *Crew Equipment and Life Support.* Techniques, equipment and devices to provide protection for and support of Navy operating personnel, including chemical/biological defense. Included are systems aboard submarines, aircraft, and surface ships, as well as medical research and combat casualty care, and clothing and textiles.

- 10.6.1 Submarine
- 10.6.2 Aircraft
- 10.6.3 Surface Ship
- 10.6.4 Medical Research and Combat Casualty Care
- 10.6.5 Clothing and Textiles

10.7 *Major Range Development and Operation.* The design, equipping, and operation of ranges offering diverse and accurate

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measurement and reconstruction capabilities to establish performance profile data on newly designed, as well as existing, naval vehicles and systems operating in a realistic environment.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

10. General Mission Support, continued

10.8 *Other Subsidiary Systems or Components.* Subsidiary systems or components that do not fit within the above product areas (e.g., batteries).

10.9 *Activity Mission and Function Support.* Efforts that clearly support the Activity's responsibilities but which cannot be uniquely assigned to a specific functional area.

11. **Generic Technology Base.** Includes basic research and exploratory development (Budget Categories 6.1 & 6.2) projects that do not fit under the more warfare-focused functional support areas. These areas include computers, software, communications networking, electronic devices, materials and processes, energy storage, propulsion and energy conversion, design automation, human-system interfaces, and other technology base areas.

11.1 *Computers.* High performance computing systems (and their software operating systems) providing orders-of-magnitude improvements in computational and communications capabilities as a result of improvements in hardware, architectural designs, networking, and computational methods.

11.2 *Software.* The tools and techniques that facilitate the timely generation, maintenance, and enhancement of affordable and reliable applications software, including software for distributed systems, data base software, artificial intelligence, and neural nets.

11.3 *Communications Networking.* The timely, reliable, and secure production and worldwide dissemination of information, using shared communications media and common hardware and applications software from originators to DoD consumers, in support of joint-Service mission planning, simulation, rehearsal, and execution.

11.4 *Electronic Devices.* Ultra-small (nano-scale) electronic and optoelectronic devices, combined with electronic packaging and photonics, for high speed computers, data storage modules, communications systems, advanced sensors, signal processing, radar, imaging systems, and automatic control.

11.5 *Materials and Processes.* Development of man-made materials (e.g., composites, electronic and photonic materials, smart materials) for improved structures, higher temperature

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engines, signature reduction, and electronics, and the synthesis and processing required for their application.

APPENDIX B, continued

I. Functional Support Area Definitions, continued

11. Generic Technology Base, continued

11.6 *Energy Storage*. The safe, compact storage of electrical or chemical energy, including energetic materials for military systems.

11.7 *Propulsion and Energy Conversion*. The efficient conversion of stored energy into usable forms, as in fuel efficient aircraft turbine engines and hypersonic systems.

11.8 *Design Automation*. Computer-aided design, concurrent engineering, simulation, and modeling; including the computational aspects of fluid dynamics, electromagnetics, advanced structures, structural dynamics, and other automated design processes.

11.9 *Human-System Interfaces*. The machine integration and interpretation of data and its presentation in a form convenient to the human operator; displays; human intelligence emulated in computational devices; and simulation and synthetic environments.

11.10 *Other Technology Base Programs*. All technology base programs (Budget Categories 6.1 and 6.2 only) that do not fit into the above warfare-focused functional support areas (#1 - #10), or within the above generic technology base areas (#11.1 - #11.9).

APPENDIX B, continued

II. Life-Cycle Work Area Definitions

RDT&E

1. **Basic Research.** (Budget Category 6.1 only) This area includes scientific study and experimentation to increase knowledge and understanding in the physical, engineering, environmental and life sciences related to long-term national security needs.
2. **Exploratory Development.** (Budget Category 6.2 only) This area includes efforts to solve specific military problems, short of major development. Exploratory development may vary from fairly fundamental applied research to sophisticated breadboard hardware, study programming and planning efforts.
3. **Advanced Development.** (Budget Category 6.3 only) This area includes efforts on projects which have moved into the development of hardware for test. The prime objective is proof of design concept rather than the development of hardware for service use.
4. **Engineering and Manufacturing Development.** (Budget Category 6.4 only) This area includes programs in full scale development, but which have not received approval for production or had production funds included in the DoD budget submission for the budget or subsequent fiscal year.
5. **RDT&E Management Support.** (Budget Category 6.5 only) This area includes support of installations or operations required for general research and development use. Included would be test ranges, military construction, maintenance support of laboratories, operations and maintenance of test aircraft and ships, and studies and analyses in support of the R&D program.
6. **Operational Systems Development.** (Budget Category 6.6 only) This area includes projects still in full-scale development, but which have received approval for production through Defense Acquisition Board or other action, or for which production funds have been included in the DoD budget submission for the budget or subsequent fiscal year. All work in this area is identified by major line item projects that appear as "RDT&E Costs of Weapon System Elements" in other programs.
7. **Production.** During this phase, the system, including training equipment, spares, etc., is produced for operational use.

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Work Area Definitions

Basic Research. (Budget Category 6.1 only) This area includes scientific study and experimentation to increase knowledge in the physical, engineering, environmental and related to long-term national security needs.

Exploratory Development. (Budget Category 6.2 only) Includes efforts to solve specific military problems, development. Exploratory development may vary from initial applied research to sophisticated breadboard programming and planning efforts.

Advanced Development. (Budget Category 6.3 only) This includes efforts on projects which have moved into the hardware for test. The prime objective is proof of concept rather than the development of hardware for service.

Prototyping and Manufacturing Development. (Budget Category 6.4) This area includes programs in full scale development which have not received approval for production orders included in the DoD budget submission for the current fiscal year.

Operational Management Support. (Budget Category 6.5 only) Includes support of installations or operations required for development and development use. Included would be test instruction, maintenance support of laboratories, maintenance of test aircraft and ships, and studies support of the R&D program.

Final Systems Development. (Budget Category 6.6) Includes projects still in full-scale development, which have not received approval for production through Defense Department action, or for which production funds are included in the DoD budget submission for the budget or fiscal year. All work in this area is identified by projects that appear as "RDT&E Costs of Weapon Development" programs.

During this phase, the system, including hardware, etc., is produced for operational use.

APPENDIX B, continued

II. Life-Cycle Work Area Definitions, continued

Acquisition

9. **Modernization.** This phase of the work involves the modification, upgrade, or improvement of a system or subsystem.

10. **Program Support.** This phase involves all work not fully under the category of production (#7), acceptance testing (#8), or modernization (#9), that occurs during the acquisition of new systems or subsystems.

Life-Time Support

11. **Maintenance.** This phase of work involves the maintenance of systems and subsystems.

12. **Repair.** This phase of work involves the repair of systems or subsystems.

13. **Testing.** This phase is typically funded from Budget Category 6.5 or procurement program elements. Work in this area supports developmental and/or operational testing and focuses on the evaluation of system safety, technical performance, environmental (climatic, electromagnetic, etc.) effects, sustainability and operational suitability, maturity of production processes, and compliance with the specifications and quality standards.

14. **In-Service Engineering.** This phase is typically funded from Budget Category 6.6 or operations and maintenance (O&M) program elements. In-service engineering tends to focus on system peculiar capabilities in order to conduct check-out of the system and/or subsystem after they have undergone a modification, upgrade or improvement.

15. **Program Support.** This phase involves all work and falling under the categories of maintenance (#11), repair (#12), testing (#13), in-service engineering (#14) and retirement (#16) that occur during the life-time support of new systems and/or subsystems.

16. **Retirement.** This phase includes the retirement and disposal of obsolete systems and/or subsystems.

APPENDIX B, continued

II. Life-Cycle Work Area Definitions, continued

General

17. **Training/Operational Support.** Efforts in this area, involve the training of operational forces in the use of new techniques, equipment and systems, tactics or doctrine. Training and operational support is typically funded from O&M program elements.

18. **Simulation, Modeling and Analysis.** This phase of work provides a simulated test environment or representation of systems, components and platforms. This work can be carried out throughout the development and test process as analytical tools, as well as tools to drive or control electronic and other environmental stimuli.

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Activity Listing:

Type	Title	Location
Naval Aviation Depot	NADEP Cherry Point	MCAS Cherry Point NC
Naval Aviation Depot	NADEP Jacksonville	NAS Jacksonville FL
Naval Aviation Depot	NADEP North Island	NAS North Island CA

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Naval Aviation Depot North Island
UIC:	N65888
Host Activity Name (if response is for a tenant activity):	Naval Air Station North Island, California
Host Activity UIC:	N00246

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: NADEP North Island		UIC: N65888	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	N/A	N/A	N/A
1b. Minor Construction	N/A	N/A	N/A
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities	N/A	N/A	N/A
2b. Transportation	N/A	N/A	N/A
2c. Environmental	N/A	N/A	N/A
2d. Facility Leases	N/A	N/A	N/A
2e. Morale, Welfare & Recreation	N/A	N/A	N/A
2f. Bachelor Quarters	N/A	N/A	N/A
2g. Child Care Centers	N/A	N/A	N/A
2h. Family Service Centers	N/A	N/A	N/A
2i. Administration	N/A	N/A	N/A
2j. Other (Specify)	N/A	N/A	N/A
2k. Sub-total 2a. through 2j:			
3. Grand Total (sum of 1c. and 2k.):	N/A	N/A	N/A

N/A = Not Applicable

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

<u>Appropriation</u>	<u>Amount (\$000)</u>
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Not Applicable

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 Tables 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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Table 1E - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NADEP North Island		UIC: N65888	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>\$15K)	419	132	551
1b. Real Property Maintenance (<\$15K)	20	0	20
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	922	307	1,229
1e. Sub-total 1a. through 1d.	1,361	439	1,800
2. Other Base Operating Support Costs:			
2a. Command Office	5,164	0	5,164
2b. ADP Support	4,978	3,320	8,298
2c. Equipment Maintenance	877	1,315	2,192
2d. Civilian Personnel Services	0	164	164
2e. Accounting/Finance	160	1,700	1,860
2f. Utilities	2,853	316	3,169
2g. Environmental Compliance	783	87	870
2h. Police and Fire	0	118	118
2i. Safety	0	770	770
2j. Supply and Storage Operations	0	133	133
2k. Major Range Test Facility Base Costs	0	0	0

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Table 1R - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NADEP North Island		UIC: N65888	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
2. Other (Specify)			
Military Personnel	0	1,599	1,599
Printing & Duplication	1,950	0	1,950
Travel & Training	952	0	952
FECA	0	1,314	1,314
Audiovisual	80	0	80
Headquarters	4,602	0	4,602
Communication	0	0	0
Engineering	1,709	1,138	2,847
Transportation	89	90	179
Equip < 15K	0	0	0
Production Control	1,063	1,595	2,658
Workload Plan	420	656	1,076
Operations Analysis	287	430	717
Janitorial	0	390	390
Misc	1,445	990	2,475
2a. Sub-total 2a. through 2i:	27,452	17,724	45,176
3. Depreciation	3,239	0	3,239
4. Grand Total (sum of 1c., 2a., and 3.):	32,052	18,163	50,215

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

Table 2 - Services/Supplies Cost Data	
Activity Name: NADEP North Island	UIC: N65888
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	9,185
Material and Supplies (including equipment):	88,589
Industrial Fund Purchases (other DBOF purchases):	24,192
Transportation:	337
Other Purchases (Contract support, etc.):	57,187
Total:	179,490

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3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: NADEP North Island	UIC: N65888
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	8
Facilities Support:	26
Mission Support:	74
Procurement:	0
Other:*	0
Total Workyears:	108

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

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

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

0

2) Estimated number of workyears which would be eliminated:

108

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

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

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

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

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

Activity Commander

R. W. NEEL, CAPT, USN

Name

R. W. Neel

Signature

Commanding Officer

Title

7/14/94

Date

Naval Aviation Depot North Island

Activity

BRAC-95 CERTIFICATION

North Island

Data Call # 66

F. C. TILLACK
NAME (Please type or print)

F. C. Tillack
Signature

SUPERVISORY PROGRAM ANALYST
Title

Date

Division

BRAC IMPLEMENTATION TEAM
Department

NADOC
Activity

BRAC-95 CERTIFICATION

**North Island
Data Call # 66**

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

NEXT ECHELON LEVEL (If applicable)

ROBERT L. JORDAN, CAPT, USN

NAME (Please type or print)

Signature

**DEPUTY ASSISTANT COMMANDER
FOR AVIATION DEPOTS**

Title

Date

NAVAL AIR SYSTEMS COMMAND

Activity

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

NEXT ECHELON LEVEL (If applicable)

WILLIAM J. TINSTON, JR, RADM USN

NAME (Please type or print)

Signature

**ASSISTANT COMMANDER FOR
LOGISTICS AND FLEET SUPPORT**

Title

Date

NAVAL AIR SYSTEMS COMMAND

Activity

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

MAJOR CLAIMANT LEVEL

W. C. BOWES, VADM USN

NAME (Please type or print)

Signature

**COMMANDER,
NAVAL AIR SYSTEMS COMMAND**

Title

Date

NAVAL AIR SYSTEMS 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

Date