Table Of Contents

1. Base Management
- **1.1. General Administration**
- **1.2. Buildings**
  - **1.2.1. Leased Space**
  - **1.2.2. Medical / Dental**
  - **1.2.3. Reserve Centers**
  - **1.2.4. Supply and Storage**
    - **1.2.4.1. Munitions**
    - **1.2.4.2. Warehousing**
  - **1.2.5. Training**
  - **1.2.6. Housing**
    - **1.2.6.1. Accompanied**
    - **1.2.6.2. Unaccompanied**
    - **1.2.6.3. Temporary Lodging**
  - **1.2.7. Dining Facilities**
  - **1.2.8. Personnel Support Services**
    - **1.2.8.1. Non-Military Education**
    - **1.2.8.2. Well Being**
  - **1.2.9. Under Construction**
- **1.3. Communications**
  - **1.3.1. Information Technology**
  - **1.3.2. Electromagnetic Spectrum**
- **1.4. Land**
- **1.5. Utilities**
  - **1.5.1. Electrical**
  - **1.5.2. Natural Gas**
  - **1.5.3. Coal**
- **1.6. Airfields**
  - **1.6.1. Airfield Names**
  - **1.6.2. Runways**
  - **1.6.3. Ramp Space / Taxiways**
  - **1.6.4. Parking Aprons**
  - **1.6.5. Hangars**
  - **1.6.6. Support Facilities**
  - **1.6.7. Fuel Storage**
  - **1.6.8. Operations**
  - **1.6.9. Training Support**
- **1.7. Ground Forces**
  - **1.7.1. Equipment**

1.7.2. Deploy
1.7.3. Mobilization
1.8. Ports
1.8.1. Piers and Wharfs
1.8.2. Operations
2. Environment and Encroachment
2.1. Environment
2.1.1. Air Quality
2.1.2. Dredging
2.1.3. Land Use Constraints
2.1.3.1. Archeological Resources
2.1.3.2. Cultural Resources
2.1.3.3. Electromagnetic Radiation
2.1.3.4. Environmental Restoration
2.1.3.5. Explosive Safety Quantity Distance
2.1.3.6. Treaties
2.1.3.7. Underground Storage Tanks
2.1.4. Natural Resources
2.1.4.1. Wetlands
2.1.4.2. Marine Mammals
2.1.4.3. Marine Resources
2.1.4.4. Marine Sanctuaries
2.1.4.5. Sensitive Resources Areas
2.1.4.6. TES Critical Habitat
2.1.5. Waste Disposal
2.1.5.1. Hazardous Waste
2.1.5.2. Solid Waste
2.1.5.3. RCRA Subpart X Treatment Facilities
2.1.6. Water Resources
2.1.6.1. Surface Water (National Pollution Discharge Elimination System)
2.1.6.2. Ground Water
2.1.6.3. Industrial Wastewater
2.1.6.4. Non-Potable Water
2.1.6.5. Potable Water
2.1.6.6. Pretreatment Units
2.1.6.7. Sanitary Sewage Treatment
2.2. Encroachment
2.2.1. Noise / Safety
2.2.2. Constraints
3. Education and Training
3.1. Education

3.1.1. Personnel
3.2. Training
3.2.1. Air
3.2.1.1. Air Operations
3.2.1.2. Maneuver Space
3.2.2. Ground
3.2.2.1. DMPRC
3.2.2.2. Impact Area / Drop / Landing Zones
3.2.2.3. MOUT
3.2.2.4. Weapons Qualifications
3.2.3. OPAREAS / Ranges
3.2.3.1. Air Operations
3.2.3.2. Limitations
3.2.3.3. Open Air Test Ranges
3.2.3.4. Physical Plant
3.2.3.5. Sea Space
3.2.3.6. Topography
4. Headquarters and Support Activities
4.1. Personnel
4.1.1. General Administration
4.1.2. Reservists
4.2. Finance and Accounting
4.2.1. DFAS
4.3. Infrastructure
4.3.1. Correctional Facilities
4.3.2. Force Protection / Emergency Services
4.4. National Command Region
4.5. Personnel Support Services / MWR
5. Industrial
5.1. Maintenance
5.1.1. Combat Field Support / IMA
5.1.2. Depot Level Maintenance
5.2. Munitions and Armaments
5.2.1. Armaments Production
5.2.2. Explosives and Inert Storage
5.2.3. Munitions Demilitarization
5.2.4. Munitions Production Capacity
5.3. Ship Overhaul and Repair
5.3.1. Capacity
5.3.2. SUPSHIP
5.3.3. Workload
6. Medical

6.1. Education
6.2. Marketing
6.2.1. Enrollment
6.2.2. Manpower
6.2.3. Workload
6.3. Research Development and Acquisition
7. Supply and Storage
7.1. General
7.2. Contracting
7.3. Stock Control
7.4. Material Management
7.5. Distribution
7.6. Reutilization and Disposal
7.7. Receiving
7.8. Warehousing
7.9. Issuing
7.10. Budgeting
8. Technical
8.1. Capability Areas
8.2. Personnel
8.3. Workload
8.4. Utilization

Section : General Administration

1.1.A.-(DoD584) For your USN/USMC activity/installation, provide the following information in the table below. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 2005 due to known redesignations, realignments/closures, or other action, provide current and projected data and so annotate. Identify your Immediate Superior In Command (ISIC). If your ISIC is not your primary funding source, please identify that source in addition to the operational ISIC.

Official Name (Text)	Primary UIC (Text)	Acronym(s) Used in Correspondence (Text)	Short Title (Text)	Mailing Address (Text)	Plain Language Address Designator (PLAD) (Text)	ISIC Name (Text)	ISIC UIC (Text)
Commander, Naval Air Warfare Center Aircraft Division, Patuxent River, Maryland	N00421	NAWCAD PAX	NAWCAD Patuxent River	22347 Cedar Point Road, Patuxent River, MD 20671-1161	COMNAVAIRWARCENACDIV PATUXENT RIVER MD	Commander, Naval Air Systems Command (NAVAIR)	N00019

Funding Source (Text)	Funding Source UIC (Text)
NWCF	N00421

1.1.B.-(DoD585) If you are a USN/USMC activity/installation, are you a host command? A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. A Host Command may also be a tenant at other host activities.
(Yes/No)
( )Yes
(X)No

1.1.C.-(DoD586) If you are a USN/USMC activity/installation and a Tenant Command, fill out the following table. A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host.

Primary Host Name (Text)	Primary Host UIC (Text)
Commanding Officer, Naval Air Station, Patuxent River, Maryland	N0428A

1.1.D.-(DoD587) If you are a USN/USMC activity/installation, are you an Independent Activity? For the purposes of this Data Call, this is the "catch -all" designator, and is defined as an activity not identified as a host or a tenant.
(Yes/No)
( )Yes
(X)No

1.1.E.-(DoD589) If you are a USN/USMC activity/installation and your activity has permanent detachments based at other locations, please list them in the table below.

Name (Text)	Location (Text)	UIC (Text)	Host Name (Text)	Host UIC (Text)
NAVAIRWARCENACDIV DET AEDC TN	TULLAHOMA, TN	N49886	U.S. AIR FORCE ENG DEV CENTER	FGR3
NAVAIRWARCENACDIV DET KEY WEST	KEY WEST, FL	N43724	U.S. COAST GUARD STATION KEY WEST	

1.1.F.-(DoD591) If you are a USN/USMC activity/installation, identify your relationship with other activities, not reported as a host/tenant, for which you provide support. The intent of this input is to capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor operated facilities for which you provide administrative oversight and control.
(Text)
Uploaded as Additional Documentation: NAWCAD_PAX_RIV_Response_to_1_1F, Also have personnel working at other locations on the attached list.

1.1.G.-(DoD583)
N/A

1.1.H.-(DoD592)
N/A

1.1.I.-(DoD590) If you are a USN/USMC activity, provide the following information for your command and ALL Tenant Activities as of 30 September 2003. Include Reservists on Active Duty Orders in Active Duty totals.

Command Name (Text)	UIC (Text)	Officers - Billets Authorized (BA) (Pers)	Officers - Current On Board (COB) (Pers)	Enlisted - Billets Authorized (BA) (Pers)	Enlisted - Current On Board (COB) (Pers)	Civilian, Appropriated - Billets Authorized (BA) (Pers)	Civilian, Appropriated - Current On Board (COB) (Pers)
NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION NON NIF, PATUXENT RIVER MD	N47608	0	1	7	5	0	0
NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION, PATUXENT RIVER MD	N00421	0	2	1	2	4048	4524
NAVAL FORCE AIRCRAFT TEST SQUADRON, PATUXENT RIVER MD	N39785	39	34	131	108	0	0
NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION DBOF, PATUXENT RIVER MD	N49860	30	9	98	62	0	0
NAVAL AIR WARFARE	N64485	0	0	11	5	0	0

CENTER AIRCRAFT DIVISION, ST INIGOES MD							
NAVAL TEST WING ATLANTIC, NAS PATUXENT RIVER MD	N39782	12	16	169	152	0	0
NAVAL STRIKE AIRCRAFT TEST SQUADRON, PATUXENT RIVER MD	N39783	36	35	326	333	0	0
NAVAL ROTARY WING AIRCRAFT TEST SQUADRON, PATUXENT RIVER MD	N39784	16	19	41	32	0	0
NAVAL ROTARY WING AIRCRAFT TEST SQUADRON, PATUXENT RIVER MD	N42846	0	33	0	0	0	0
NAVAL AIR WARFARE CENTER AIRCRAFT DIV INSTRUCTORS TEST PILOT SCHOOL, PATUXENT RIVER MD	N44689	23	21	19	13	0	0
NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION DET, ARNOLD ENGINEERING, TULLAHOMA TN	N49886	0	4	0	0	0	0

Civilian, Non-Appropriated Billets Authorized (BA) (Pers)	**Civilian, Non-Appropriated Current On Board (COB) (Pers)**	**Reservist (SELRES) - Billets Authorized (BA) (Pers)**	**Reservist (SELRES) - Current on Board (COB) (Pers)**	**Shore Command (Yes/No)**	**Homeported Unit (Yes/No)**	**Special Area (Yes/No)**
0	0	0	0	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	39	27	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	5	4	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	0	0	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No

0	0	0	0	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	0	0	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	52	46	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	0	0	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	0	0	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	0	0	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
0	0	0	0	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No

1.1.J.-(DoD330)
N/A

1.1.K.-(DoD588)
N/A

Section : Buildings

1.2.A.-(DoD301)
N/A

1.2.B.-(DoD302)
N/A

1.2.C.-(DoD303)
N/A

1.2.D.-(DoD304)
N/A

1.2.E.-(DoD305)
N/A

1.2.F.-(DoD11)
N/A

Section : Leased Space

1.2.1.A.-(DoD310)
N/A

1.2.1.B.-(DoD313)
N/A

1.2.1.C.-(DoD311)
N/A

Section : Medical / Dental

1.2.2.A.-(DoD528)
N/A

1.2.2.B.-(DoD530)
N/A

1.2.2.C.-(DoD529)
N/A

1.2.2.D.-(DoD531)
N/A

1.2.2.E.-(DoD527)
N/A

1.2.2.F.-(DoD532)
N/A

Section : Reserve Centers

1.2.3.A.-(DoD574)
N/A

Section : Supply and Storage

1.2.4.A.-(DoD634)

N/A

1.2.4.B.-(DoD635)
N/A

Section : Munitions

1.2.4.1.A.-(DoD577) FOIA (b) (2)

1.2.4.1.B.-(DoD578) FOIA (b) (2)

1.2.4.1.C.-(DoD579) FOIA (b) (2)

1.2.4.1.D.-(DoD575) FOIA (b) (2)

1.2.4.1.E.-(DoD20) FOIA (b) (2)

1.2.4.1.F.-(DoD21)
N/A

1.2.4.1.G.-(DoD576) FOIA (b) (2)

Section : Warehousing

1.2.4.2.A.-(DoD636)
N/A

1.2.4.2.B.-(DoD637)
N/A

1.2.4.2.C.-(DoD638)
N/A

1.2.4.2.D.-(DoD639)
N/A

Section : Training

1.2.5.A.-(DoD97)
N/A

1.2.5.B.-(DoD580)
N/A

1.2.5.C.-(DoD581)
N/A

1.2.5.D.-(DoD99)
N/A

1.2.5.E.-(DoD100)
N/A

1.2.5.F.-(DoD98)
N/A

1.2.5.G.-(DoD101)
N/A

1.2.5.H.-(DoD102)
N/A

1.2.5.I.-(DoD103)
N/A

1.2.5.J.-(DoD55)
N/A

1.2.5.K.-(DoD56)
N/A

1.2.5.L.-(DoD749)
N/A

1.2.5.M.-(DoD750)
N/A

1.2.5.N.-(DoD751)
N/A

Section : Housing

1.2.6.A.-(DoD572)
N/A

1.2.6.B.-(DoD96)
N/A

1.2.6.C.-(DoD571)
N/A

1.2.6.D.-(DoD573)
N/A

Section : Accompanied

1.2.6.1.A.-(DoD13)
N/A

1.2.6.1.B.-(DoD12)
N/A

1.2.6.1.C.-(DoD14)
N/A

Section : Unaccompanied

1.2.6.2.A.-(DoD16)
N/A

1.2.6.2.B.-(DoD17)
N/A

1.2.6.2.C.-(DoD18)
N/A

Section : Temporary Lodging

1.2.6.3.A.-(DoD307)
N/A

1.2.6.3.B.-(DoD306)

N/A

1.2.6.3.C.-(DoD15)
N/A

Section : Dining Facilities

1.2.7.A.-(DoD340)
N/A

1.2.7.B.-(DoD570)
N/A

1.2.7.C.-(DoD95)
N/A

1.2.7.D.-(DoD94)
N/A

Section : Non-Military Education

1.2.8.1.A.-(DoD51)
N/A

1.2.8.1.B.-(DoD52)
N/A

1.2.8.1.C.-(DoD53)
N/A

Section : Well Being

1.2.8.2.A.-(DoD54)
N/A

Section : Under Construction

1.2.9.A.-(DoD22)
N/A

Section : Communications

1.3.A.-(DoD23) FOIA (b) (2)

1.3.B.-(DoD24) For installation/facility, Comm/IT service provider. What percent of the total base network customers are served by the backbone?
(%)
100

1.3.C.-(DoD317) For installation/facility COMM/IT service provider. Provide the following telephone switching capacity information for the base/facility telephone switching systems.

	Maximum Subscriber Designed Capacity (Count)	Current Subscribers (Count)	Subscriber Capacity Reserved for Surge Requirements (Count)
Telephone Switching Capacity	31,602	28,000	2,000

1.3.D.-(DoD315) FOIA (b) (2)

1.3.E.-(DoD314)
N/A

1.3.F.-(DoD316)
N/A

1.3.G.-(DoD27)
N/A

1.3.H.-(DoD28)
N/A

1.3.I.-(DoD25) For Installation/Facility COMM/IT service provider. Does your base/facility currently utilize any of the following specialized communications systems?
DRSN (Yes/No)
( )Yes
(X)No

MILSTAR (Yes/No)
(X)Yes
( )No

UHF MILSATCOM (Yes/No)

(X)Yes
( )No

SHF MILSATCOM (Yes/No)
(X)Yes
( )No

XHF MILSATCOM (Yes/No)
(X)Yes
( )No

IRIDIUM TERMINAL (Yes/No)
(X)Yes
( )No

NESP (Yes/No)
(X)Yes
( )No

1.3.J.-(DoD26)
N/A

Section : Information Technology

1.3.1.A.-(DoD582)
N/A

1.3.1.B.-(DoD320)
N/A

1.3.1.C.-(DoD326) For Base/Installation/Facility-level Comm/IT service providers, how many total Gross Square Feet (GSF) and Usable Square Feet (USF) of building space supports DoD DISN capabilities and/or Service unique facilities?

	DISN and Service Systems Space (SF)
Gross SF of building space	200
Usable SF of building space	160

1.3.1.D.-(DoD321) For base/installation/facility COMM/IT service providers. How many authorized personnel are providing organic management and administrative support to the COMM/IT service

providing organization?

	Military Officer (Pers)	Military Enlisted (Pers)	DoD Civilian (Pers)	Contractor (Pers)
Authorized FTE Personnel	0	0	6	37

1.3.1.E.-(DoD322)
N/A

1.3.1.F.-(DoD324) For installation Commanders hosting Service/Agency-Level IT Enterprise Activities. How many authorized personnel of the Service/Agency are involved in providing and maintaining long haul strategic information systems/networks/communications services throughout their Service/Agency within the U.S. on your installation?

	Military (Officer) (Pers)	Military (Enlisted) (Pers)	DoD Civilian (Pers)	Contracted (Pers)
Authorized Personnel	0	0	2	1

1.3.1.G.-(DoD325) For base/installation/facility COMM/IT service provider. How many authorized personnel are providing Information Management Services (IMS) listed in the following table?

	Printing and Reproduction Services (Count)	Official Document & Records Management (Count)	Audio & Visual Services (Count)	Managing Forms and Publications (Count)
Military FTE personnel providing these COMM/IT services?	0	0	0	0
DoD Civilian FTE personnel providing these COMM/IT services?	0	0	0	0
Contracted FTE personnel providing these COMM/IT services?	0	0	0	0

1.3.1.H.-(DoD327)
N/A

1.3.1.I.-(DoD329)
N/A

1.3.1.J.-(DoD318)
N/A

1.3.1.K.-(DoD319)
N/A

1.3.1.L.-(DoD328) For Service/Agency-Level CIO/G6/N6/XI. How many Terabytes (TB) of Data are stored in support of your Service/Agency-Level Knowledge Management (KM) information management systems?

	Max Data Capacity in terabytes (TB)	Capacity in Use in terabytes (TB)	Surge Requirement in terabytes (TB)
Terabytes (TB) of Data are stored	0	0	0

1.3.1.M.-(DoD323)
N/A

Section : Electromagnetic Spectrum

1.3.2.A.-(DoD29) For installation/facility COMM/IT service provider. Does your installation have equipment that cannot be operated, or is forced to operate at other than full capability, due to frequency/spectrum interference with the local community?
(Yes/No)
( )Yes
(X)No

Section : Land

1.4.A.-(DoD30)
N/A

1.4.B.-(DoD31)
N/A

Section : Utilities

1.5.A.-(DoD621)
N/A

1.5.B.-(DoD622)
N/A

1.5.C.-(DoD32)
N/A

Section : Electrical

1.5.1.A.-(DoD40)
N/A

1.5.1.B.-(DoD41)
N/A

1.5.1.C.-(DoD42)
N/A

1.5.1.D.-(DoD43)
N/A

Section : Natural Gas

1.5.2.A.-(DoD44)
N/A

1.5.2.B.-(DoD45)
N/A

1.5.2.C.-(DoD46)
N/A

Section : Coal

1.5.3.A.-(DoD33)
N/A

1.5.3.B.-(DoD34)
N/A

1.5.3.C.-(DoD35)
N/A

1.5.3.D.-(DoD36)
N/A

1.5.3.E.-(DoD37)

N/A

1.5.3.F.-(DoD38)
N/A

1.5.3.G.-(DoD39)
N/A

Section : Airfield Names

1.6.1.A.-(DoD558)
N/A

Section : Runways

1.6.2.A.-(DoD9)
N/A

1.6.2.B.-(DoD10)
N/A

1.6.2.C.-(DoD138)
N/A

1.6.2.D.-(DoD91)
N/A

1.6.2.E.-(DoD92)
N/A

1.6.2.F.-(DoD568)
N/A

Section : Ramp Space / Taxiways

1.6.3.A.-(DoD8)
N/A

1.6.3.B.-(DoD6)
N/A

1.6.3.C.-(DoD49)
N/A

1.6.3.D.-(DoD7)
N/A

Section : Parking Aprons

1.6.4.A.-(DoD565)
N/A

1.6.4.B.-(DoD566)
N/A

1.6.4.C.-(DoD567)
N/A

Section : Hangars

1.6.5.A.-(DoD559)
N/A

1.6.5.B.-(DoD19)
N/A

1.6.5.C.-(DoD4)
N/A

Section : Support Facilities

1.6.6.A.-(DoD569)
N/A

Section : Fuel Storage

1.6.7.A.-(DoD1)
N/A

1.6.7.B.-(DoD2)
N/A

1.6.7.C.-(DoD3)
N/A

Section : Operations

1.6.8.A.-(DoD560)
N/A

1.6.8.B.-(DoD5) For each navigational aid (NAVAID) maintained by your installation, provide the following information.

Airfield ICAO Identifier (Text)	Facility (List)()VOR ()TACAN ()VORTAC ()NDB ()Localizer ()ILS/MLS (3)	Designation (1) (3) (Text)	NAVAID ICAO Identifier (Code)	Restrictions (2) (Text)
KNHK	(X)NDB	NDB	KNHK	None

1.6.8.C.-(DoD562) For USN and USMC activities, list all active duty squadrons/detachments, reserve squadrons/detachments, and the custodians of station aircraft and other aircraft permanently stationed at your installation. Identify the number of aircraft by type/model/series (T/M/S) scheduled to be permanently stationed at the end of each fiscal year from FY05 to and including FY09.

Squadron/Det/Custodian (Text)	Unit Type (List)()Active Duty Squadron/Detachment ()Reserve Squadron/Detachment ()Station ()Other	Aircraft (T/M/S) (Text)	Fiscal Year (List)()FY05 ()FY06 ()FY07 ()FY08 ()FY09	# of Aircraft (Count)
HX-21	(X)Active Duty Squadron/Detachment	AH-1W	(X)FY05	2
HX-21	(X)Active Duty Squadron/Detachment	AH-1Z	(X)FY05	1
HX-21	(X)Active Duty Squadron/Detachment	CH-53E	(X)FY05	1
HX-21	(X)Active Duty Squadron/Detachment	CH-53X	(X)FY05	0
HX-21	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY05	4
HX-21	(X)Active Duty Squadron/Detachment	MH-60S	(X)FY05	6
HX-21	(X)Active Duty Squadron/Detachment	MV-22B	(X)FY05	3

HX-21	(X)Active Duty Squadron/Detachment	NSH-60F	(X)FY05	1
HX-21	(X)Active Duty Squadron/Detachment	NVH-3A	(X)FY05	1
HX-21	(X)Active Duty Squadron/Detachment	SH-60B	(X)FY05	0
HX-21	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY05	0
HX-21	(X)Active Duty Squadron/Detachment	TH-57	(X)FY05	2
HX-21	(X)Active Duty Squadron/Detachment	UH-1N	(X)FY05	1
HX-21	(X)Active Duty Squadron/Detachment	UH-1Y	(X)FY05	2
HX-21	(X)Active Duty Squadron/Detachment	VXX	(X)FY05	3
HX-21	(X)Active Duty Squadron/Detachment	AH-1W	(X)FY06	2
HX-21	(X)Active Duty Squadron/Detachment	AH-1Z	(X)FY06	1
HX-21	(X)Active Duty Squadron/Detachment	CH-53E	(X)FY06	1
HX-21	(X)Active Duty Squadron/Detachment	CH-53X	(X)FY06	0
HX-21	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY06	2
HX-21	(X)Active Duty Squadron/Detachment	MH-60S	(X)FY06	5
HX-21	(X)Active Duty Squadron/Detachment	MV-22B	(X)FY06	3
HX-21	(X)Active Duty Squadron/Detachment	NSH-60F	(X)FY06	1
HX-21	(X)Active Duty Squadron/Detachment	NVH-3A	(X)FY06	1
HX-21	(X)Active Duty Squadron/Detachment	SH-60B	(X)FY06	0
HX-21	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY06	0
HX-21	(X)Active Duty Squadron/Detachment	TH-57	(X)FY06	2

HX-21	(X)Active Duty Squadron/Detachment	UH-1N	(X)FY06	1
HX-21	(X)Active Duty Squadron/Detachment	UH-1Y	(X)FY06	1
HX-21	(X)Active Duty Squadron/Detachment	VXX	(X)FY06	3
HX-21	(X)Active Duty Squadron/Detachment	AH-1W	(X)FY07	2
HX-21	(X)Active Duty Squadron/Detachment	AH-1Z	(X)FY07	1
HX-21	(X)Active Duty Squadron/Detachment	CH-53E	(X)FY07	1
HX-21	(X)Active Duty Squadron/Detachment	CH-53X	(X)FY07	0
HX-21	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY07	2
HX-21	(X)Active Duty Squadron/Detachment	MH-60S	(X)FY07	3
HX-21	(X)Active Duty Squadron/Detachment	MV-22B	(X)FY07	3
HX-21	(X)Active Duty Squadron/Detachment	NSH-60F	(X)FY07	1
HX-21	(X)Active Duty Squadron/Detachment	NVH-3A	(X)FY07	1
HX-21	(X)Active Duty Squadron/Detachment	SH-60B	(X)FY07	0
HX-21	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY07	0
HX-21	(X)Active Duty Squadron/Detachment	TH-57	(X)FY07	2
HX-21	(X)Active Duty Squadron/Detachment	UH-1N	(X)FY07	0
HX-21	(X)Active Duty Squadron/Detachment	UH-1Y	(X)FY07	1
HX-21	(X)Active Duty Squadron/Detachment	VXX	(X)FY07	3
HX-21	(X)Active Duty Squadron/Detachment	AH-1W	(X)FY08	2
HX-21	(X)Active Duty Squadron/Detachment	AH-1Z	(X)FY08	1

HX-21	(X)Active Duty Squadron/Detachment	CH-53E	(X)FY08	2
HX-21	(X)Active Duty Squadron/Detachment	CH-53X	(X)FY08	0
HX-21	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY08	3
HX-21	(X)Active Duty Squadron/Detachment	MH-60S	(X)FY08	3
HX-21	(X)Active Duty Squadron/Detachment	MV-22B	(X)FY08	3
HX-21	(X)Active Duty Squadron/Detachment	NSH-60F	(X)FY08	1
HX-21	(X)Active Duty Squadron/Detachment	NVH-3A	(X)FY08	1
HX-21	(X)Active Duty Squadron/Detachment	SH-60B	(X)FY08	0
HX-21	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY08	0
HX-21	(X)Active Duty Squadron/Detachment	TH-57	(X)FY08	2
HX-21	(X)Active Duty Squadron/Detachment	UH-1N	(X)FY08	0
HX-21	(X)Active Duty Squadron/Detachment	UH-1Y	(X)FY08	1
HX-21	(X)Active Duty Squadron/Detachment	VXX	(X)FY08	5
HX-21	(X)Active Duty Squadron/Detachment	AH-1W	(X)FY09	2
HX-21	(X)Active Duty Squadron/Detachment	AH-1Z	(X)FY09	1
HX-21	(X)Active Duty Squadron/Detachment	CH-53E	(X)FY09	2
HX-21	(X)Active Duty Squadron/Detachment	CH-53X	(X)FY09	3
HX-21	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY09	3
HX-21	(X)Active Duty Squadron/Detachment	MH-60S	(X)FY09	3
HX-21	(X)Active Duty Squadron/Detachment	MV-22B	(X)FY09	3

HX-21	(X)Active Duty Squadron/Detachment	NSH-60F	(X)FY09	1
HX-21	(X)Active Duty Squadron/Detachment	NVH-3A	(X)FY09	0
HX-21	(X)Active Duty Squadron/Detachment	SH-60B	(X)FY09	0
HX-21	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY09	0
HX-21	(X)Active Duty Squadron/Detachment	TH-57	(X)FY09	2
HX-21	(X)Active Duty Squadron/Detachment	UH-1N	(X)FY09	0
HX-21	(X)Active Duty Squadron/Detachment	UH-1Y	(X)FY09	1
HX-21	(X)Active Duty Squadron/Detachment	VXX	(X)FY09	3
NAS PAX	(X)Station	C-12B	(X)FY05	2
NAS PAX	(X)Station	UH-3H	(X)FY05	4
NAS PAX	(X)Station	C-12B	(X)FY06	2
NAS PAX	(X)Station	UH-3H	(X)FY06	4
NAS PAX	(X)Station	C-12B	(X)FY07	2
NAS PAX	(X)Station	UH-3H	(X)FY07	4
NAS PAX	(X)Station	C-12B	(X)FY08	0
NAS PAX	(X)Station	UH-3H	(X)FY08	4
NAS PAX	(X)Station	C-12B	(X)FY09	0
NAS PAX	(X)Station	UH-3H	(X)FY09	4
NRL	(X)Other	NP-3D	(X)FY05	4
NRL	(X)Other	NP-3D	(X)FY06	4
NRL	(X)Other	NP-3D	(X)FY07	4
NRL	(X)Other	NP-3D	(X)FY08	4
NRL	(X)Other	NP-3D	(X)FY09	4
TPS	(X)Other	C-12C	(X)FY05	4
TPS	(X)Other	FA-18B	(X)FY05	13
TPS	(X)Other	OH-58C	(X)FY05	3
TPS	(X)Other	NU-1B	(X)FY05	1
TPS	(X)Other	NP-3D	(X)FY05	2
TPS	(X)Other	SH60B	(X)FY05	2
TPS	(X)Other	T-2C	(X)FY05	7

TPS	(X)Other	T-38A	(X)FY05	11
TPS	(X)Other	TH-6B	(X)FY05	6
TPS	(X)Other	U-6A	(X)FY05	2
TPS	(X)Other	UH-60L	(X)FY05	4
TPS	(X)Other	X-26A	(X)FY05	2
TPS	(X)Other	C-12C	(X)FY06	4
TPS	(X)Other	FA-18B	(X)FY06	5
TPS	(X)Other	OH-58C	(X)FY06	3
TPS	(X)Other	NU-1B	(X)FY06	1
TPS	(X)Other	NP-3D	(X)FY06	2
TPS	(X)Other	SH60B	(X)FY06	2
TPS	(X)Other	T-2C	(X)FY06	7
TPS	(X)Other	T-38A	(X)FY06	10
TPS	(X)Other	TH-6B	(X)FY06	6
TPS	(X)Other	U-6A	(X)FY06	2
TPS	(X)Other	UH-60L	(X)FY06	4
TPS	(X)Other	X-26A	(X)FY06	2
TPS	(X)Other	C-12C	(X)FY07	4
TPS	(X)Other	FA-18B	(X)FY07	5
TPS	(X)Other	OH-58C	(X)FY07	3
TPS	(X)Other	NU-1B	(X)FY07	1
TPS	(X)Other	NP-3D	(X)FY07	2
TPS	(X)Other	SH60B	(X)FY07	2
TPS	(X)Other	T-2C	(X)FY07	0
TPS	(X)Other	T-38A	(X)FY07	10
TPS	(X)Other	TH-6B	(X)FY07	6
TPS	(X)Other	U-6A	(X)FY07	2
TPS	(X)Other	UH-60L	(X)FY07	4
TPS	(X)Other	X-26A	(X)FY07	2
TPS	(X)Other	C-12C	(X)FY08	4
TPS	(X)Other	FA-18B	(X)FY08	5
TPS	(X)Other	OH-58C	(X)FY08	3
TPS	(X)Other	NU-1B	(X)FY08	1
TPS	(X)Other	NP-3D	(X)FY08	2
TPS	(X)Other	SH60B	(X)FY08	2
TPS	(X)Other	T-2C	(X)FY08	0
TPS	(X)Other	T-38A	(X)FY08	10

TPS	(X)Other	TH-6B	(X)FY08	6
TPS	(X)Other	U-6A	(X)FY08	2
TPS	(X)Other	UH-60L	(X)FY08	4
TPS	(X)Other	X-26A	(X)FY08	2
TPS	(X)Other	C-12C	(X)FY09	4
TPS	(X)Other	FA-18B	(X)FY09	5
TPS	(X)Other	OH-58C	(X)FY09	3
TPS	(X)Other	NU-1B	(X)FY09	1
TPS	(X)Other	NP-3D	(X)FY09	2
TPS	(X)Other	SH60B	(X)FY09	2
TPS	(X)Other	T-2C	(X)FY09	0
TPS	(X)Other	T-38A	(X)FY09	10
TPS	(X)Other	TH-6B	(X)FY09	6
TPS	(X)Other	U-6A	(X)FY09	2
TPS	(X)Other	UH-60L	(X)FY09	4
TPS	(X)Other	X-26A	(X)FY09	2
VQ-4	(X)Active Duty Squadron/Detachment	E-6	(X)FY05	1
VQ-4	(X)Active Duty Squadron/Detachment	E-6	(X)FY06	1
VQ-4	(X)Active Duty Squadron/Detachment	E-6	(X)FY07	1
VQ-4	(X)Active Duty Squadron/Detachment	E-6	(X)FY08	1
VQ-4	(X)Active Duty Squadron/Detachment	E-6	(X)FY09	1
VX-1	(X)Active Duty Squadron/Detachment	E-2C	(X)FY05	0
VX-1	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY05	4
VX-1	(X)Active Duty Squadron/Detachment	P-3C	(X)FY05	3
VX-1	(X)Active Duty Squadron/Detachment	S-3B1	(X)FY05	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60B1	(X)FY05	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY05	2

VX-1	(X)Active Duty Squadron/Detachment	SH-60S	(X)FY05	3
VX-1	(X)Active Duty Squadron/Detachment	E-2C	(X)FY06	0
VX-1	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY06	4
VX-1	(X)Active Duty Squadron/Detachment	P-3C	(X)FY06	3
VX-1	(X)Active Duty Squadron/Detachment	S-3B1	(X)FY06	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60B1	(X)FY06	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY06	2
VX-1	(X)Active Duty Squadron/Detachment	SH-60S	(X)FY06	6
TPS	(X)Other	T-6	(X)FY05	0
TPS	(X)Other	T-6	(X)FY06	0
TPS	(X)Other	T-6	(X)FY07	6
TPS	(X)Other	T-6	(X)FY08	6
TPS	(X)Other	T-6	(X)FY09	6
	(X)Active Duty Squadron/Detachment		(X)FY05	
	(X)Active Duty Squadron/Detachment		(X)FY05	
VX-1	(X)Active Duty Squadron/Detachment	E-2C	(X)FY07	0
VX-1	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY07	4
VX-1	(X)Active Duty Squadron/Detachment	P-3C	(X)FY07	3
VX-1	(X)Active Duty Squadron/Detachment	S-3B1	(X)FY07	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60B1	(X)FY07	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY07	2
VX-1	(X)Active Duty Squadron/Detachment	SH-60S	(X)FY07	6

VX-1	(X)Active Duty Squadron/Detachment	E-2C	(X)FY08	0
VX-1	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY08	4
VX-1	(X)Active Duty Squadron/Detachment	P-3C	(X)FY08	3
VX-1	(X)Active Duty Squadron/Detachment	S-3B1	(X)FY08	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60B1	(X)FY08	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY08	2
VX-1	(X)Active Duty Squadron/Detachment	SH-60S	(X)FY08	6
VX-1	(X)Active Duty Squadron/Detachment	E-2C	(X)FY09	1
VX-1	(X)Active Duty Squadron/Detachment	MH-60R	(X)FY09	4
VX-1	(X)Active Duty Squadron/Detachment	P-3C	(X)FY09	3
VX-1	(X)Active Duty Squadron/Detachment	S-3B1	(X)FY09	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60B1	(X)FY09	0
VX-1	(X)Active Duty Squadron/Detachment	SH-60F	(X)FY09	2
VX-1	(X)Active Duty Squadron/Detachment	SH-60S	(X)FY09	6
VX-20	(X)Active Duty Squadron/Detachment	ACS	(X)FY05	0
VX-20	(X)Active Duty Squadron/Detachment	C-2A	(X)FY05	1
VX-20	(X)Active Duty Squadron/Detachment	E-2C	(X)FY05	4
VX-20	(X)Active Duty Squadron/Detachment	E-6B	(X)FY05	1
VX-20	(X)Active Duty Squadron/Detachment	GHMD	(X)FY05	2
VX-20	(X)Active Duty Squadron/Detachment	K-130J	(X)FY05	1

VX-20	(X)Active Duty Squadron/Detachment	KC-130F	(X)FY05	4
VX-20	(X)Active Duty Squadron/Detachment	MMA	(X)FY05	0
VX-20	(X)Active Duty Squadron/Detachment	NC-130H	(X)FY05	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3C	(X)FY05	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3D	(X)FY05	1
VX-20	(X)Active Duty Squadron/Detachment	NT-34C	(X)FY05	1
VX-20	(X)Active Duty Squadron/Detachment	P-3C	(X)FY05	5
VX-20	(X)Active Duty Squadron/Detachment	S-3B	(X)FY05	0
VX-20	(X)Active Duty Squadron/Detachment	T-34C	(X)FY05	1
VX-20	(X)Active Duty Squadron/Detachment	T-6A	(X)FY05	1
VX-20	(X)Active Duty Squadron/Detachment	ACS	(X)FY06	0
VX-20	(X)Active Duty Squadron/Detachment	C-2A	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	E-2C	(X)FY06	4
VX-20	(X)Active Duty Squadron/Detachment	E-6B	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	GHMD	(X)FY06	2
VX-20	(X)Active Duty Squadron/Detachment	K-130J	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	KC-130F	(X)FY06	4
VX-20	(X)Active Duty Squadron/Detachment	MMA	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	NC-130H	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3C	(X)FY06	1

VX-20	(X)Active Duty Squadron/Detachment	NP-3D	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	NT-34C	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	P-3C	(X)FY06	5
VX-20	(X)Active Duty Squadron/Detachment	S-3B	(X)FY06	0
VX-20	(X)Active Duty Squadron/Detachment	T-34C	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	T-6A	(X)FY06	1
VX-20	(X)Active Duty Squadron/Detachment	ACS	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	C-2A	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	E-2C	(X)FY07	3
VX-20	(X)Active Duty Squadron/Detachment	E-6B	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	GHMD	(X)FY07	2
VX-20	(X)Active Duty Squadron/Detachment	K-130J	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	KC-130F	(X)FY07	4
VX-20	(X)Active Duty Squadron/Detachment	MMA	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	NC-130H	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3C	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3D	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	NT-34C	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	P-3C	(X)FY07	6
VX-20	(X)Active Duty Squadron/Detachment	S-3B	(X)FY07	0

VX-20	(X)Active Duty Squadron/Detachment	T-34C	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	T-6A	(X)FY07	1
VX-20	(X)Active Duty Squadron/Detachment	ACS	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	C-2A	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	E-2C	(X)FY08	4
VX-20	(X)Active Duty Squadron/Detachment	E-6B	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	GHMD	(X)FY08	2
VX-20	(X)Active Duty Squadron/Detachment	K-130J	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	KC-130F	(X)FY08	4
VX-20	(X)Active Duty Squadron/Detachment	NC-130H	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3C	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3D	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	NT-34C	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	P-3C	(X)FY08	6
VX-20	(X)Active Duty Squadron/Detachment	S-3B	(X)FY08	0
VX-20	(X)Active Duty Squadron/Detachment	T-34C	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	T-6A	(X)FY08	1
VX-20	(X)Active Duty Squadron/Detachment	ACS	(X)FY09	0
VX-20	(X)Active Duty Squadron/Detachment	C-2A	(X)FY09	1
VX-20	(X)Active Duty Squadron/Detachment	E-2C	(X)FY09	5

VX-20	(X)Active Duty Squadron/Detachment	E-6B	(X)FY09	1
VX-20	(X)Active Duty Squadron/Detachment	GHMD	(X)FY09	2
VX-20	(X)Active Duty Squadron/Detachment	K-130J	(X)FY09	1
VX-20	(X)Active Duty Squadron/Detachment	KC-130F	(X)FY09	4
VX-20	(X)Active Duty Squadron/Detachment	NC-130H	(X)FY09	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3C	(X)FY09	1
VX-20	(X)Active Duty Squadron/Detachment	NP-3D	(X)FY09	1
VX-20	(X)Active Duty Squadron/Detachment	NT-34C	(X)FY09	1
VX-20	(X)Active Duty Squadron/Detachment	P-3C	(X)FY09	6
VX-20	(X)Active Duty Squadron/Detachment	S-3B	(X)FY09	0
VX-20	(X)Active Duty Squadron/Detachment	T-34C	(X)FY09	1
VX-20	(X)Active Duty Squadron/Detachment	T-6A	(X)FY09	1
VX-23	(X)Active Duty Squadron/Detachment	EA-18G	(X)FY05	0
VX-23	(X)Active Duty Squadron/Detachment	EA-6B	(X)FY05	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18A	(X)FY05	3
VX-23	(X)Active Duty Squadron/Detachment	FA-18B	(X)FY05	6
VX-23	(X)Active Duty Squadron/Detachment	FA-18C	(X)FY05	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18D	(X)FY05	1
VX-23	(X)Active Duty Squadron/Detachment	FA-18E/F	(X)FY05	9
VX-23	(X)Active Duty Squadron/Detachment	FA-35B/C	(X)FY05	0

VX-23	(X)Active Duty Squadron/Detachment	NFA-18A	(X)FY05	1
VX-23	(X)Active Duty Squadron/Detachment	NFA-18C	(X)FY05	2
VX-23	(X)Active Duty Squadron/Detachment	NFA-18D	(X)FY05	2
VX-23	(X)Active Duty Squadron/Detachment	T-45A	(X)FY05	1
VX-23	(X)Active Duty Squadron/Detachment	T-45C	(X)FY05	1
VX-23	(X)Active Duty Squadron/Detachment	EA-18G	(X)FY06	1
VX-23	(X)Active Duty Squadron/Detachment	EA-6B	(X)FY06	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18A	(X)FY06	3
VX-23	(X)Active Duty Squadron/Detachment	FA-18B	(X)FY06	6
VX-23	(X)Active Duty Squadron/Detachment	FA-18C	(X)FY06	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18D	(X)FY06	1
VX-23	(X)Active Duty Squadron/Detachment	FA-18E/F	(X)FY06	10
VX-23	(X)Active Duty Squadron/Detachment	FA-35B/C	(X)FY06	3
VX-23	(X)Active Duty Squadron/Detachment	NFA-18A	(X)FY06	1
VX-23	(X)Active Duty Squadron/Detachment	NFA-18C	(X)FY06	2
VX-23	(X)Active Duty Squadron/Detachment	NFA-18D	(X)FY06	2
VX-23	(X)Active Duty Squadron/Detachment	T-45A	(X)FY06	1
VX-23	(X)Active Duty Squadron/Detachment	T-45C	(X)FY06	1
VX-23	(X)Active Duty Squadron/Detachment	EA-18G	(X)FY07	1
VX-23	(X)Active Duty Squadron/Detachment	EA-6B	(X)FY07	2

VX-23	(X)Active Duty Squadron/Detachment	FA-18A	(X)FY07	3
VX-23	(X)Active Duty Squadron/Detachment	FA-18B	(X)FY07	6
VX-23	(X)Active Duty Squadron/Detachment	FA-18C	(X)FY07	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18D	(X)FY07	1
VX-23	(X)Active Duty Squadron/Detachment	FA-18E/F	(X)FY07	10
VX-23	(X)Active Duty Squadron/Detachment	FA-35B/C	(X)FY07	9
VX-23	(X)Active Duty Squadron/Detachment	NFA-18A	(X)FY07	1
VX-23	(X)Active Duty Squadron/Detachment	NFA-18C	(X)FY07	2
VX-23	(X)Active Duty Squadron/Detachment	NFA-18D	(X)FY07	2
VX-23	(X)Active Duty Squadron/Detachment	T-45A	(X)FY07	1
VX-23	(X)Active Duty Squadron/Detachment	T-45C	(X)FY07	1
VX-23	(X)Active Duty Squadron/Detachment	EA-18G	(X)FY08	0
VX-23	(X)Active Duty Squadron/Detachment	EA-6B	(X)FY08	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18A	(X)FY08	3
VX-23	(X)Active Duty Squadron/Detachment	FA-18B	(X)FY08	6
VX-23	(X)Active Duty Squadron/Detachment	FA-18C	(X)FY08	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18D	(X)FY08	1
VX-23	(X)Active Duty Squadron/Detachment	FA-18E/F	(X)FY08	10
VX-23	(X)Active Duty Squadron/Detachment	FA-35B/C	(X)FY08	9
VX-23	(X)Active Duty Squadron/Detachment	NFA-18A	(X)FY08	1

VX-23	(X)Active Duty Squadron/Detachment	NFA-18C	(X)FY08	2
VX-23	(X)Active Duty Squadron/Detachment	NFA-18D	(X)FY08	2
VX-23	(X)Active Duty Squadron/Detachment	T-45A	(X)FY08	1
VX-23	(X)Active Duty Squadron/Detachment	T-45C	(X)FY08	1
VX-23	(X)Active Duty Squadron/Detachment	EA-18G	(X)FY09	0
VX-23	(X)Active Duty Squadron/Detachment	EA-6B	(X)FY09	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18A	(X)FY09	3
VX-23	(X)Active Duty Squadron/Detachment	FA-18B	(X)FY09	6
VX-23	(X)Active Duty Squadron/Detachment	FA-18C	(X)FY09	2
VX-23	(X)Active Duty Squadron/Detachment	FA-18D	(X)FY09	1
VX-23	(X)Active Duty Squadron/Detachment	FA-18E/F	(X)FY09	10
VX-23	(X)Active Duty Squadron/Detachment	FA-35B/C	(X)FY09	9
VX-23	(X)Active Duty Squadron/Detachment	NFA-18A	(X)FY09	1
VX-23	(X)Active Duty Squadron/Detachment	NFA-18C	(X)FY09	2
VX-23	(X)Active Duty Squadron/Detachment	NFA-18D	(X)FY09	2
VX-23	(X)Active Duty Squadron/Detachment	T-45A	(X)FY09	1
VX-23	(X)Active Duty Squadron/Detachment	T-45C	(X)FY09	1
TPS	(X)Other	T2C REPLACEMENT (TBD)	(X)FY05	2
TPS	(X)Other	T2C REPLACEMENT (TBD)	(X)FY06	4
TPS	(X)Other	T2C REPLACEMENT (TBD)	(X)FY07	7

TPS	(X)Other	T2C REPLACEMENT (TBD)	(X)FY08	7
TPS	(X)Other	T2C REPLACEMENT (TBD)	(X)FY09	7
VX-20		MMA	(X)FY08	6
VX-20		MMA	(X)FY09	6

1.6.8.D.-(DoD561)
N/A

1.6.8.E.-(DoD87) If your installation conducts undergraduate or graduate level flight training, give the total numbers of daylight and nighttime runway operations that are required for each syllabus of pilot undergraduate and graduate training. Estimate the number of operations required by the syllabus, the percentage of overhead runway operations necessary to meet the syllabus requirements, and the total number of runway operation per graduate.

Name of training syllabus (Text)	Aircraft (Text)	Required by Syllabus - Day (Count)	Required by Syllabus - Night (Count)	Overhead Sorties (%) - Day (%)	Overhead Sorties (%) - Night (%)	Total per Graduate - Day (Count)	Total per Graduate - Night (Count)
Engineering Test Pilot Training	F/A-18B/D, T-38A, T-2C, NP-3D, NU-1B, OH-58C, SH-60B, TH-6B, U-6A, UH-60L, X-26A	13824	240	25	0	288	5

1.6.8.F.-(DoD88) If your installation conducts undergraduate or graduate level flight training, give the total numbers of daylight and nighttime runway operations that are required for each syllabus of Navigator/NFO undergraduate and graduate training. Estimate the number of operations required by the syllabus, the percentage of overhead runway operations necessary to meet the syllabus requirements, and the total number of runway operation per graduate.

Name of training syllabus (Text)	Aircraft (Text)	Required by Syllabus - Day (Count)	Required by Syllabus - Night (Count)	Overhead Sorties (%) - Day (%)	Overhead Sorties (%) - Night (%)	Total per Graduate - Day (Count)	Total per Graduate - Night (Count)
Naval Flight Test Officer	F/A-18B/D, T-38A, T-2C, NP-3D, NU-1B, OH-58C, SH-60B, TH-6B, U-6A, UH-60L, X-26A	2296	224	15	5	82	5

1.6.8.G.-(DoD90)
N/A

1.6.8.H.-(DoD89)
N/A

1.6.8.I.-(DoD300) Complete the following table for air terminal operations if you conduct air operations at your installation.

	Number of Transient Aircraft Hosted	All Take-Offs and

	(Count)	Landings* (Count)
FY 2001	1500	67325
FY 2002	1500	57184
FY 2003	1500	42466

1.6.8.J.-(DoD563)
N/A

1.6.8.K.-(DoD50)
N/A

Section : Training Support

1.6.9.A.-(DoD93) Provide the following information for each training aircraft used for flight training.

Aircraft (Text)	Utilization Rate (UTE - sorties per month) (Count)	Average Sortie Duration (ASD in hours) (Hrs)	Planned Turn Time (Time from landing to take-off in hours) (Hrs)	Minimum Runway Length (Ft)	Minimum Runway Length for Touch and Go (T/G ft.) (Ft)	Runway Width (ft) (Ft)	Weight bearing capacity (kpsi) (Kpsi)
F-18B	32	1.5	1.5	8000	8000	200	585
T-38A	127	1.0	1.5	8000	8000	200	585
T-2C	65	1.5	1.5	5000	7000	200	585
NU-1B	12	2.0	1.5	5000	5000	100	0
X-26A	18	0.5	1.5	5000	0	100	0
U-6A	25	2.0	1.5	5000	5000	100	0
C-12C	42	1.5	1.5	5000	5000	100	585
NP-3D	24	4.0	1.5	8000	8000	200	
TH-6B	85	1.5	1.5	0	0	0	0
OH-58C	21	2.0	1.5	0	0	0	0
UH-60L	51	1.5	1.5	0	0	0	0
NSH-60B	10	2.5	1.5	0	0	0	0

Apron space requirement (sq. ft. / aircraft) (sq. ft. / aircraft)	Hangar space required (sq. ft. / aircraft) (sq. ft. / aircraft)	Navigation equipment onboard (Text)
8850	2240	INS
5548	1150	GPS
7152	1482	TACAN
9563	2378	(N/A) VFR
0	1539	(N/A) VFR

7263	1488	(N/A) VFR
9380	2420	GPS
31920	11600	INS/GPS
3510	780	(N/A) VFR
7791	1435	(N/A) VFR
14013	3510	GPS
14013	3510	TACAN

Section : Equipment

1.7.1.A.-(DoD596)
N/A

1.7.1.B.-(DoD598)
N/A

1.7.1.C.-(DoD597)
N/A

1.7.1.D.-(DoD599)
N/A

1.7.1.E.-(DoD600)
N/A

1.7.1.F.-(DoD595)
N/A

1.7.1.G.-(DoD335)
N/A

Section : Deploy

1.7.2.A.-(DoD593)
N/A

1.7.2.B.-(DoD594)
N/A

1.7.2.C.-(DoD331)
N/A

1.7.2.D.-(DoD332)
N/A

1.7.2.E.-(DoD333)
N/A

1.7.2.F.-(DoD60)
N/A

1.7.2.G.-(DoD61)
N/A

1.7.2.H.-(DoD601)
N/A

Section : Mobilization

1.7.3.A.-(DoD338)
N/A

1.7.3.B.-(DoD345)
N/A

1.7.3.C.-(DoD67)
N/A

1.7.3.D.-(DoD337)
N/A

1.7.3.E.-(DoD336)
N/A

1.7.3.F.-(DoD341)
N/A

1.7.3.G.-(DoD346)
N/A

1.7.3.H.-(DoD339)

N/A

1.7.3.I.-(DoD342)
N/A

1.7.3.J.-(DoD343)
N/A

1.7.3.K.-(DoD344)
N/A

1.7.3.L.-(DoD62) FOIA (b) (2)

1.7.3.M.-(DoD63)
N/A

1.7.3.N.-(DoD64)
N/A

1.7.3.O.-(DoD65)
N/A

1.7.3.P.-(DoD66)
N/A

1.7.3.Q.-(DoD68)
N/A

Section : Piers and Wharfs

1.8.1.A.-(DoD612) FOIA (b) (2)

1.8.1.B.-(DoD613)
N/A

1.8.1.C.-(DoD614)
N/A

1.8.1.D.-(DoD615) FOIA (b) (2)

1.8.1.E.-(DoD616)
N/A

1.8.1.F.-(DoD617) FOIA (b) (2)

1.8.1.G.-(DoD618)
N/A

1.8.1.H.-(DoD619)
N/A

1.8.1.I.-(DoD620)
N/A

Section : Operations

1.8.2.A.-(DoD603)
N/A

1.8.2.B.-(DoD604)
N/A

1.8.2.C.-(DoD605)
N/A

1.8.2.D.-(DoD606)
N/A

1.8.2.E.-(DoD69)
N/A

1.8.2.F.-(DoD607)
N/A

1.8.2.G.-(DoD608)
N/A

1.8.2.H.-(DoD609)
N/A

1.8.2.I.-(DoD611)
N/A

1.8.2.J.-(DoD602)

N/A

1.8.2.K.-(DoD610) FOIA (b) (2)

Section : Air Quality

2.1.1.A.-(DoD210)
N/A

2.1.1.B.-(DoD220)
N/A

2.1.1.C.-(DoD211)
N/A

2.1.1.D.-(DoD212)
N/A

2.1.1.E.-(DoD213)
N/A

2.1.1.F.-(DoD214)
N/A

2.1.1.G.-(DoD215)
N/A

2.1.1.H.-(DoD216)
N/A

2.1.1.I.-(DoD217)
N/A

2.1.1.J.-(DoD218)
N/A

2.1.1.K.-(DoD219)
N/A

2.1.1.L.-(DoD221)
N/A

2.1.1.M.-(DoD222)
N/A

2.1.1.N.-(DoD223)
N/A

2.1.1.O.-(DoD224)
N/A

2.1.1.P.-(DoD225)
N/A

Section : Dredging

2.1.2.A.-(DoD228)
N/A

2.1.2.B.-(DoD227)
N/A

2.1.2.C.-(DoD226)
N/A

Section : Archeological Resources

2.1.3.1.A.-(DoD233)
N/A

2.1.3.1.B.-(DoD232)
N/A

2.1.3.1.C.-(DoD231)
N/A

2.1.3.1.D.-(DoD230)
N/A

2.1.3.1.E.-(DoD229)
N/A

2.1.3.1.F.-(DoD234)

N/A

Section : Cultural Resources

2.1.3.2.A.-(DoD235)
N/A

2.1.3.2.B.-(DoD236)
N/A

2.1.3.2.C.-(DoD237)
N/A

Section : Electromagnetic Radiation

2.1.3.3.A.-(DoD238) Do electromagnetic radiation and/or emissions constrain current military installation, range or auxiliary airfield operations?
(Yes/No)
( )Yes
(X)No

Section : Environmental Restoration

2.1.3.4.A.-(DoD240)
N/A

2.1.3.4.B.-(DoD241)
N/A

2.1.3.4.C.-(DoD273)
N/A

Section : Explosive Safety Quantity Distance

2.1.3.5.A.-(DoD243) FOIA (b) (2)

2.1.3.5.B.-(DoD242) FOIA (b) (2)

2.1.3.5.C.-(DoD244) FOIA (b) (2)

Section : Treaties

2.1.3.6.A.-(DoD245)
N/A

Section : Underground Storage Tanks

2.1.3.7.A.-(DoD246)
N/A

2.1.3.7.B.-(DoD247)
N/A

Section : Wetlands

2.1.4.1.A.-(DoD257)
N/A

2.1.4.1.B.-(DoD251)
N/A

Section : Marine Mammals

2.1.4.2.A.-(DoD249)
N/A

2.1.4.2.B.-(DoD248)
N/A

Section : Marine Resources

2.1.4.3.A.-(DoD250)
N/A

Section : Marine Sanctuaries

2.1.4.4.A.-(DoD252)
N/A

2.1.4.4.B.-(DoD253)
N/A

Section : Sensitive Resources Areas

2.1.4.5.A.-(DoD256)
N/A

2.1.4.5.B.-(DoD255)
N/A

2.1.4.5.C.-(DoD254)
N/A

Section : TES Critical Habitat

2.1.4.6.A.-(DoD259)
N/A

2.1.4.6.B.-(DoD260)
N/A

2.1.4.6.C.-(DoD261)
N/A

2.1.4.6.D.-(DoD262)
N/A

2.1.4.6.E.-(DoD263)
N/A

2.1.4.6.F.-(DoD264)
N/A

Section : Hazardous Waste

2.1.5.1.A.-(DoD265)

N/A

2.1.5.1.B.-(DoD266)
N/A

2.1.5.1.C.-(DoD267)
N/A

Section : Solid Waste

2.1.5.2.A.-(DoD272)
N/A

Section : RCRA Subpart X Treatment Facilities

2.1.5.3.A.-(DoD269)
N/A

2.1.5.3.B.-(DoD270)
N/A

2.1.5.3.C.-(DoD268)
N/A

2.1.5.3.D.-(DoD271)
N/A

Section : Surface Water (National Pollution Discharge Elimination System)

2.1.6.1.A.-(DoD280)
N/A

2.1.6.1.B.-(DoD281)
N/A

2.1.6.1.C.-(DoD279)
N/A

Section : Ground Water

2.1.6.2.A.-(DoD276)
N/A

2.1.6.2.B.-(DoD275)
N/A

2.1.6.2.C.-(DoD274)
N/A

2.1.6.2.D.-(DoD277)
N/A

2.1.6.2.E.-(DoD278)
N/A

Section : Industrial Wastewater

2.1.6.3.A.-(DoD282)
N/A

2.1.6.3.B.-(DoD283)
N/A

2.1.6.3.C.-(DoD285)
N/A

2.1.6.3.D.-(DoD284)
N/A

2.1.6.3.E.-(DoD286)
N/A

Section : Non-Potable Water

2.1.6.4.A.-(DoD287)
N/A

2.1.6.4.B.-(DoD288)
N/A

2.1.6.4.C.-(DoD289)
N/A

2.1.6.4.D.-(DoD290)
N/A

Section : Potable Water

2.1.6.5.A.-(DoD291)
N/A

2.1.6.5.B.-(DoD292)
N/A

2.1.6.5.C.-(DoD293)
N/A

2.1.6.5.D.-(DoD294)
N/A

Section : Pretreatment Units

2.1.6.6.A.-(DoD295)
N/A

2.1.6.6.B.-(DoD296)
N/A

Section : Sanitary Sewage Treatment

2.1.6.7.A.-(DoD297)
N/A

2.1.6.7.B.-(DoD298)
N/A

2.1.6.7.C.-(DoD299)
N/A

2.1.6.7.D.-(DoD258)
N/A

Section : Encroachment

2.2.A.-(DoD47)
N/A

2.2.B.-(DoD48)
N/A

Section : Noise / Safety

2.2.1.A.-(DoD239)
N/A

2.2.1.B.-(DoD202)
N/A

2.2.1.C.-(DoD203)
N/A

2.2.1.D.-(DoD204)
N/A

2.2.1.E.-(DoD205)
N/A

2.2.1.F.-(DoD206)
N/A

2.2.1.G.-(DoD207)
N/A

2.2.1.H.-(DoD208)
N/A

2.2.1.I.-(DoD209)
N/A

Section : Constraints

2.2.2.A.-(DoD198)
N/A

2.2.2.B.-(DoD199)
N/A

2.2.2.C.-(DoD200)
N/A

2.2.2.D.-(DoD201)
N/A

Section : Education

3.1.A.-(DoD104)
N/A

3.1.B.-(DoD105)
N/A

3.1.C.-(DoD106)
N/A

Section : Personnel

3.1.1.A.-(DoD623)
N/A

3.1.1.B.-(DoD108)
N/A

3.1.1.C.-(DoD109)
N/A

3.1.1.D.-(DoD110)
N/A

3.1.1.E.-(DoD111)
N/A

3.1.1.F.-(DoD112)
N/A

3.1.1.G.-(DoD107)
N/A

3.1.1.H.-(DoD624)
N/A

3.1.1.I.-(DoD70)
N/A

3.1.1.J.-(DoD71)
N/A

Section : Air

3.2.1.A.-(DoD113) Historic Throughput: List the types and phases of pilot undergraduate and graduate flight training conducted at your installation over the last five years. Give the number of student pilots trained, by Service, for each of these years in the table.

Name of Pilot Training Syllabus (Text)	Service (Text)	FY99 Graduates (Pers)	FY00 Graduates (Pers)	FY01 Graduates (Pers)	FY02 Graduates (Pers)	FY03 Graduates (Pers)
ENGINEEERING TEST PILOT (GRADUATE TRAINING)	NAVY	25	25	24	24	24
ENGINEEERING TEST PILOT (GRADUATE TRAINING)	MARINE	9	9	9	9	9
ENGINEEERING TEST PILOT (GRADUATE TRAINING)	ARMY	9	9	9	9	9
ENGINEEERING TEST PILOT (GRADUATE TRAINING)	FOREIGN	5	5	6	6	6

3.2.1.B.-(DoD114) Historic Throughput: List the types and phases of Navigator/NFO undergraduate and graduate flight training conducted at your installation over the last five years. Give the number of student Navigator/NFOs trained, by Service, for each of these years in the table.

Name of Training Syllabus (Text)	Service (Text)	FY99 Graduates (Pers)	FY00 Graduates (Pers)	FY01 Graduates (Pers)	FY02 Graduates (Pers)	FY03 Graduates (Pers)
NAVAL FLIGHT TEST OFFICER (GRADUATE	NAVY	14	13	14	13	12

TRAINING)						
NAVAL FLIGHT TEST OFFICER (GRADUATE TRAINING)	MARINE	0	1	0	1	1
NAVAL FLIGHT TEST OFFICER (GRADUATE TRAINING)	FOREIGN	0	0	0	0	1

3.2.1.C.-(DoD115)
N/A

3.2.1.D.-(DoD116)
N/A

3.2.1.E.-(DoD117) Give the programmed yearly student pilot throughput requirements by installation for FY04-09. Include all sources of students such as FMS, Treasury, Coast Guard, DEA, etc.

Name of Training Syllabus (Text)	Service/Source (Text)	Planned throughput FY04 (graduates) (Pers)	Planned throughput FY05 (graduates) (Pers)	Planned throughput FY06 (graduates) (Pers)	Planned throughput FY07 (graduates) (Pers)	Planned throughput FY08 (graduates) (Pers)	Planned throughput FY09 (graduates) (Pers)
ENGINEERING TEST PILOT (GRADUATE LEVEL TRAINING)	NAVY	24	24	24	24	24	24
ENGINEERING TEST PILOT (GRADUATE LEVEL TRAINING)	MARINE	9	9	9	9	9	9
ENGINEERING TEST PILOT (GRADUATE LEVEL TRAINING)	ARMY	9	9	9	9	9	9
ENGINEERING TEST PILOT (GRADUATE LEVEL TRAINING)	FOREIGN	6	6	6	6	6	6

3.2.1.F.-(DoD118) Give the programmed yearly student Navigator/NFO throughput requirements by installation for FY04-09. Include all sources of students such as FMS, Treasury, Coast Guard, DEA, etc.

Name of Training Syllabus (Text)	Service/Source (Text)	Planned throughput FY04 (graduates) (Pers)	Planned throughput FY05 (graduates) (Pers)	Planned throughput FY06 (graduates) (Pers)	Planned throughput FY07 (graduates) (Pers)	Planned throughput FY08 (graduates) (Pers)	Planned throughput FY09 (graduates) (Pers)
NAVAL FLIGHT TEST OFFICER (GRADUATE LEVEL TRAINING)	NAVY	12	12	14	12	12	12
NAVAL FLIGHT TEST OFFICER (GRADUATE	MARINE	2	1	0	1	1	1

LEVEL TRAINING)							
NAVAL FLIGHT TEST OFFICER (GRADUATE LEVEL TRAINING)	FOREIGN	0	1	0	1	1	1

3.2.1.G.-(DoD119)
N/A

3.2.1.H.-(DoD120)
N/A

3.2.1.I.-(DoD121) Provide the attrition rate (percent of students who failed) for each of the last five years (FY99-03) for each type of undergraduate and graduate flight level training conducted at your installation.

Name of training syllabus (Text)	FY99 Attrition Rate (% Students) (%)	FY00 Attrition Rate (%)	FY01 Attrition Rate (%)	FY02 Attrition Rate (%)	FY03 Attrition Rate (%)
PROVIDE THE ATTRITION RATE	4.0	1.50	1.50	1.50	1.50

3.2.1.J.-(DoD122) List all other flight training activity (e.g., flight surgeons, NASA, Test pilots, etc.) conducted at your installation. For each type of training give historic throughput (graduates) for FY03 and projected requirements (graduates) for FY04-09.

Type of Flight Training (Text)	Historic throughput FY03 (graduates) (Pers)	Planned throughput requirement FY04 (graduates) (Pers)	Planned throughput requirement FY05 (graduates) (Pers)	Planned throughput requirement FY06 (graduates) (Pers)	Planned throughput requirement FY07 (graduates) (Pers)	Planned throughput requirement FY08 (graduates) (Pers)	Planned throughput requirement FY09 (graduates) (Pers)
ENGINEER FLIGHT TEST TRAINING/FLIGHT TEST TRAINING	163	200	200	200	200	200	200
CIVIL SERVICE ENGINEERS	10	10	10	10	10	10	10

3.2.1.K.-(DoD123) If your installation conducts undergraduate or graduate level flight training, give the historic and projected average daily student load (ADSL) for each flight training syllabus for these years.

Name of training syllabus (Text)	Historic ADSL FY03 (Pers)	Planned average daily student load FY04 (Pers)	Planned average daily student load FY05 (Pers)	Planned average daily student load FY06 (Pers)	Planned average daily student load FY07 (Pers)	Planned average daily student load FY08 (Pers)	Planned average daily student load FY09 (Pers)
ENGINEERING TEST PILOT TRAINING: E	48	48	48	48	48	48	48
NAVAL FLIGHT TEST OFFICER TRAINING: N	14	14	14	14	14	14	14
ENGINEER FLIGHT	10	10	10	10	10	10	10

TEST TRAINING: EF							

3.2.1.L.-(DoD124) Airspace requirements: For each syllabus/stage of Pilot flight training, 1) give the number of sorties required by the syllabus, the percentage of overhead sorties, and the number of students that train during each sortie; 2) give the type of airspace required, the size (vertical and area dimensions) of the airspace block in which training is conducted, and the time spent per sortie in this block of airspace.

Name of Training Syllabus (Text)	Syllabus stage (Text)	Sorties required by syllabus (Count)	Overhead sorties (%) (Count)	Students per sortie (Count)	Type of airspace required (Text)	Area Size (sq nm) (NM^2)	Vertical dimension (1,000 ft.) (1,000 ft)
ENGINEERING TEST PILOT TRAINING	N/A	125	15.0	1	RESTRICTOR	3	

Time in Block/Sortie (hrs) (Hrs)
1

3.2.1.M.-(DoD125) Airspace requirements: For each syllabus/stage of Navigator/NFO flight training, 1) give the number of sorties required by the syllabus, the percentage of overhead sorties, and the number of students that train during each sortie; 2) give the type of airspace required, the size (vertical and area dimensions) of the airspace block in which training is conducted, and the time spent per sortie in this block of airspace.

Name of Training Syllabus (Text)	Syllabus stage (Text)	Sorties required by syllabus (Count)	Overhead sorties (%) (Count)	Students per sortie (Count)	Type of airspace required (Text)	Area Size (sq nm) (NM^2)	Vertical dimension (1,000 ft.) (1,000 ft)
N/A							

Time in Block/Sortie (hrs) (Hrs)

3.2.1.N.-(DoD126)
N/A

3.2.1.O.-(DoD127)
N/A

3.2.1.P.-(DoD128)
N/A

3.2.1.Q.-(DoD129)
N/A

3.2.1.R.-(DoD130)
N/A

3.2.1.S.-(DoD131)
N/A

3.2.1.T.-(DoD132)
N/A

3.2.1.U.-(DoD133)
N/A

3.2.1.V.-(DoD134)
N/A

3.2.1.W.-(DoD135)
N/A

Section : Air Operations

3.2.1.1.A.-(DoD136) If your installation conducts undergraduate or graduate level flight training, state your training weather minimums (ceiling/visibility and crosswinds) by aircraft type, student status (dual/solo) for each training syllabus.

Name of training syllabus (Text)	Aircraft (Text)	Student status (Text)	Weather restrictions (Text)
Engineering Test Pilot Training	F-18B	Dual and Solo	1000-3
Engineering Test Pilot Training	T-38A	Dual and Solo	1000-3 (15knt cross)
Naval Test Flight Officer Training	T-2C	Dual	1000-3 (25 knt cross)
Naval Test Flight Officer Training	NU-1B	Dual	1000-3 (13knt cross)
Flight Test Engineer Training	V-26A	Dual	1000-3 (10 knt corss)
Naval Test Flight Officer Training	U-6A	Dual	1000-3 (10 knt corss)
Naval Test Flight Officer Training	C-12C	Dual	1000-3 (25 knt corss)
Naval Test Flight Officer Training	NP-3D	Dual	1000-3
Naval Test Flight Officer Training	TH-6B	Dual	500-1
Naval Test Flight Officer Training	OH-58C	Dual	500-2
Naval Test Flight Officer Training	UH-60L	Dual	500-3

Naval Test Flight Officer Training	NSH-60B	Dual	500-4

3.2.1.1.B.-(DoD137)
N/A

3.2.1.1.C.-(DoD139) If your installation conducts undergraduate or graduate level flight training, provide the yearly average weather conditions at your home field and OLF.

Airfield name (Text)	VFR Conditions, Percentage of Time (%)	IFR Conditions, Percentage of Time (%)	Crosswind at or below 15 knots. (%)	Crosswind at or below 25 knots (%)	Icing, number of days (Day)
KNHK- PATUXENT	89	11	79	63	30
KNUI- WEBSTER	89	11	79	63	30

3.2.1.1.D.-(DoD140) If your installation conducts undergraduate or graduate level flight training, for the home field and each outlying field, give the average number of day and night flying hours per day (under normal operations) and the number of days per year the airfield/OLF is scheduled for undergraduate and graduate flight training.

Airfield Name (Text)	Average Daylight hours (Hrs)	Average Night hours (Hrs)	Average operating days per year (Day)
KNHK-NAS Patuxent	55	0	249
KNUI-OLF Webster	10	0	249

3.2.1.1.E.-(DoD141) If your installation conducts undergraduate or graduate level flight training, provide an average of the last five years (FY99-FY03) for VFR and IFR arrivals, departures, and touch and go's for the home field and each OLF. All numbers are expressed as percentage and total VFR and IFR should sum to 100 percent.

Airfield name (Text)	VFR arrivals (%)	VFR departures (%)	VFR touch & go's (%)	IFR arrivals (%)	IFR departures (%)	IFR touch & go's (%)
KNHK- NAS PATUXENT	15.2	15.2	45.6	11.76	11.76	.48
KNUI-OLF WEBSTER	1.5	1.5	97	0	0	0

3.2.1.1.F.-(DoD142) If your installation conducts undergraduate or graduate level flight training, for each home field and OLF, provide percentage of airfield runway use by training squadrons, operational squadrons, or other. Average operations over the past five years (FY99-FY03), include both VFR and IFR conditions.

Airfield Name (Text)	Percent of Training (%)	Percent of Operational (%)	Percent of Other (%)
KNHK- NAS PATUXENT			94
KNUI-OLF WEBSTER			99

Section : Maneuver Space

3.2.1.2.A.-(DoD72)
N/A

3.2.1.2.B.-(DoD73)
N/A

Section : Ground

3.2.2.A.-(DoD625)
N/A

Section : DMPRC

3.2.2.1.A.-(DoD74)
N/A

Section : Impact Area / Drop / Landing Zones

3.2.2.2.A.-(DoD143)
N/A

Section : MOUT

3.2.2.3.A.-(DoD144)
N/A

Section : Weapons Qualifications

3.2.2.4.A.-(DoD75)
N/A

Section : OPAREAS / Ranges

3.2.3.A.-(DoD155) If the activity is the scheduling activity for any range areas associated with managed airspace for air-to-ground activities, list the areas and capabilities below. (OPR: Airspace Manager/Range Manager)

Surface Area/Range Designation (Text)	Range Area (NM^2)	Impact Area (NM^2)	Inert Sub Area (Yes/No)	Inert Full Scale (Yes/No)	Live (Yes/No)	Depleted Uranium (Yes/No)	High Angle Strafe (Yes/No)
R-4006(Special use air	1474	383	(X)Yes	(X)Yes	( )Yes	( )Yes	(X)Yes

space)			( )No	( )No	(X)No	(X)No	( )No
R-4005N (Special use air space)	113	113	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No	( )Yes (X)No	(X)Yes ( )No
R-4005S(Special use air space)	110	110	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No	( )Yes (X)No	(X)Yes ( )No
R-4005W(Special use air space)	44	0	( )Yes (X)No	( )Yes (X)No	( )Yes (X)No	( )Yes (X)No	( )Yes (X)No
R-6609(Special use air space)	120	120	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No	( )Yes (X)No	(X)Yes ( )No
R-4002(Special use air space)	40	39	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
W-386(FACFACS VACAPES WARNING AREA)	9585	9585	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
W-387(FACFACS VACAPES WARNING AREA)	2254	2254	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No
W-72(FACFACS VACAPES WARNING AREA)	16277	16277	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
W-110(FACFACS VACAPES WARNING AREA)	2170	2170	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
W-122(FACFACS VACAPES WARNING AREA)	19699	19699	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
W-107	6318	6318	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
W-106	1559	1559	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
W-105	11852	11852	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Low Angle Strafe (Yes/No)	**Lasers (Yes/No)**	**Drop Zone Dimensions (L x W)**	**Landing Zone Dimensions (L x W)**	**Weapons Authorized on Range (List Values) (Text)**	**Published Hours of Operation (18 hrs vs 0600-0000 Hrs) (Hrs)**	**Chaff/Flare Restrictions (Text)**	**Total # Scorable Fixed Ground Targets (Count)**
(X)Yes ( )No	(X)Yes ( )No	2X5 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	2X5 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to	15	No Restrictions	5

				2000 lbs			
(X)Yes ( )No	(X)Yes ( )No	2X5 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs	15	No Restrictions	1
( )Yes (X)No	(X)Yes ( )No	N/A	N/A	None	9	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	2X5 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	2X5 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 500 lbs (live) & 2000 lbs (inert)	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	20X20 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs, rockets, and guided missiles	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	10X20 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs, rockets, and guided missiles	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	20X20 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs, rockets, and guided missiles	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	20X20 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs, rockets, and guided missiles	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	20X20 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs, rockets, and guided missiles	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	20X20 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs, rockets, and guided missiles	15	No Restrictions	0
(X)Yes ( )No	(X)Yes ( )No	20X20 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs, rockets, and guided missiles	15	No Restrictions	0

(X)Yes ( )No	(X)Yes ( )No	20X20 NM TYPICAL	N/A	small arms to 40mm, conventional bombs to 2000 lbs, rockets, and guided missiles	15	No Restrictions	0
Total # of Fixed Targets (Count)	**Number of Towed or Remotely Controlled Targets (Count)**	**Number of Targets with more than 180 Degrees of Hdg Restriction (Count)**	**Max Weapons Delivery Altitude (Ft MSL)**	**Multiple Salvo Deliveries (Yes/No)**	**Can Scoring System Score multiple DMPI/Targets Simultaneously (Yes/No)**	**IR Targets (Yes/No)**	**Munitions Release Authorized Under IMC (Yes/No)**
10	16	0	25000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
5	16	0	25000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
1	16	0	25000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
2	2	0		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	( )Yes ( )No
0	16	0	20000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
2	16	0	20000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
0	16	0	50000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
0	16	0	50000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
0	16	0	50000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
0	16	0	50000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
0	16	0	50000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
0	16	0	50000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
0	16	0	50000	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
Number of Targets that are IR/Night	**Have/Do UAVs Use Airspace (Yes/No)**	**Laser Designator Scoring Available**	**Net Area (NM^2)**	**Does Range Provide Terminal Control (RCO, Terminal**	**Is the Range Radar Controlled (MRU,**	**ACMI/TACTS/ACMR (or equivalent)**	**List the dates/times of Seasonal Restrictions**

Scorable (#)		(Yes/No)		Controller…) (Yes/No)	ACS, etc) (Yes/No)	Equipped (Yes/No)	(Text)
0	(X)Yes ( )No	( )Yes (X)No	1473.8	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No	No Restrictions
0	(X)Yes ( )No	(X)Yes ( )No	113	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No	No Restrictions
0	(X)Yes ( )No	(X)Yes ( )No	110	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No	No Restrictions
	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
0	( )Yes ( )No	( )Yes ( )No		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	
List the reasons for Seasonal Restrictions (List) **()Environmental** **()Noise** **()EOD** **()Cultural** **()Fire Season** **()Other**	**List Data Transmission Capes from the Range to Activity (Backbone (List)** **()Video Feed** **()Voice** **()Scoring Camera Footage** **()ECM** **()Feedback** **()Threat Reduction Video**	**Range Longest Linear Dimension (Ft)**					
		386957					
		98695					

		90872

3.2.3.B.-(DoD158) For installation/facility commanders. Identify Comm/IT connectivity to other ranges and facilities external to parent installation.

Range or OPAREA Designation (Text)	Other Installation's facility or range (Text)	Number of Missions Supported: FY2001/2002/2003 (Count)	Interconnecting Medium (Text)
NAWCAD Atlantic Range Complex, Inner Range	China Laek, CA	6	Defense Research and Engineering Network (DREN) SDREN (via AIC)
NAWCAD Atlantic Range Complex, Inner Range	Lakehurst, NJ	0	Defense Research and Engineering Network
NAWCAD Atlantic Range Complex, Inner Range	NASA - Wallops Island, VA	675	OC-3 and 8 Mhz analog Microwave
NAWCAD Atlantic Range Complex, Inner Range	Bell Boing, Fort Worth, Texas	1023	25 MHz satellite link
NAWCAD Atlantic Range Complex, Inner Range	CACAPES, VA	35796	56k Sprint leased line
NAWCAD Atlantic Range Complex, Inner Range	Edwards AFB, CA	0	Defense Research and Engineering Network Microware from China Lake
NAWCAD Atlantic Range Complex, Inner	Eglin AFB, FL	0	Defense Research and Engineering Network

Range			
NAWCAD Atlantic Range Complex, Inner Range	AUTEC West Palm Beach, FL	0	Defense Information Systems Agency T1 Link
NAWCAD Atlantic Range Complex, Inner Range	All JNTC nodes/Joint Forces Command, Suffolk, VA	0	Defense Research and Engineering Network Defense Information Systems Agency T1 Links

3.2.3.C.-(DoD156)
N/A

3.2.3.D.-(DoD157) ALL Services: Regardless of Range Type: If your activity/installation (e.g., base) manages/schedules/controls any ground ranges/ground live fire ranges used for training (Active or inactive), provide the information requested in the table below.

	Range Acreage (a) (Acres)	# of Scheduled Days Available for use (avg 2001 thru 2003) (b) (Day)	Estimated Scheduled Annual Acre Day Usage (avg 2001-2003) (a)x(b) (Count)	Est # of Pers using live fire rnges for trng (Mdys) 01-03 (Pers)
Small Arms up to 7.62mm	1	50	50	55
Small Arms Ranges, Heavy Machinegun (.50 cal and Above)		12	12	5
Static Ranges - Ground Launched Missiles and Rockets				
Stationary ranges - Armored Vehicle Gunnery - Crew				
Stationary ranges - Armored Vehicle Gunnery - Unit				
Explosives and Demolitions Ranges				
Hand Grenade Ranges - Live				
Hand Grenade Ranges - Inert				
Combined Arms Live Fire Areas (CALFEX)				

3.2.3.E.-(DoD145)
N/A

3.2.3.F.-(DoD146)
N/A

3.2.3.G.-(DoD147)
N/A

3.2.3.H.-(DoD148)
N/A

3.2.3.I.-(DoD149)
N/A

3.2.3.J.-(DoD150)
N/A

3.2.3.K.-(DoD151)
N/A

3.2.3.L.-(DoD152)
N/A

3.2.3.M.-(DoD153)
N/A

3.2.3.N.-(DoD154)
N/A

Section : Air Operations

3.2.3.1.A.-(DoD160) If the activity is responsible for any airspace, list and identify each piece of airspace in the table provided below. Use only official names as published. The standard nomenclature for the airspace is its "published name" as it exists in FLIP or FAA Letter of Agreement. For instance "Owyhee MOA," "R-4816S," "W-177A."

Airspace/Range Designation (Text)	Area of Airspace (shadow on the ground) (NM^2)	Lower Published Altitude (Ft MSL)	Higher Published Altitude (Ft MSL)	Gross Volume (NM^3)	Unusable Volume (NM^3)	Net Usable Volume (NM^3)	Supersonic Volume Below 30K MSL (NM^3)
NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R4006	1473	3500	25000	5280.9	0	5280.9	0

NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R4008	1336	25000	85000	5568.2	0	5568.2	0
NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R4005N	90.5	0	24999	377.1	0	377.1	377.1
NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R4005S	110	0	24999	458.3	0	458.3	458.3
NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R4005W	40.6	0	24999	169.2	0	169.2	0
NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R4005SW	76.85	0	24999	320	0	320	0
NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R6609	120	0	20000	400	0	400	400
NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R4002	39.6	0	20000	132	0	132	0
NAWCAD ATLANTIC RANGE COMPLEX, INNER RANGE, R4007	162	0	4999	135.4	0	135.4	0
NAWCAD ATLANTIC RANGE COMPLEX, OUTER RANGE, W-386	9585	0	85000	79875	0	79875	47925
NAWCAD ATLANTIC RANGE COMPLEX, OUTER RANGE, W-72	16227	0	85000	135225	0	135225	81135
NAWCAD ATLANTIC RANGE COMPLEX, OUTER RANGE, W-387	2254	0	85000	18783	0	18783	11270
CHESSIE A	392	27000	41000	914.7	0	914.7	0
CHESSIE B	608	27000	41000	1418.7	0	1418.7	0

CHESSIE C	255	18000	50000	1360	0	1360	510
Drop Volume (Restricted Area Area times Altitude AGL) (NM^3)	**Chaff Volume (NM^3)**	**Flare Volume (NM^3)**	**Night-usable Volume (NM^3)**	**Lights Out Volume (NM^3)**	**Usable Volume Between Surface and 5000' AGL (NM^3)**	**ACMI/TACTS (or equivalent) Equipped? (Yes/No)**	**Distance from airfield to nearest entry point for airspace (NM) (NM)**
0	5280.9	5280.9	5280.9	5280.9	368.5	( )Yes (X)No	3.5
0	5568.2	5568.2	5568.2	5568.2	0	( )Yes (X)No	3.5
377.1	377.1	377.1	377.1	377.1	75.4	( )Yes (X)No	3.5
458.3	458.3	458.3	458.3	458.3	91.7	( )Yes (X)No	14.3
0	0	0	169.2	169.2	33.4	( )Yes (X)No	5.1
0	0	0	320	320	63.2	( )Yes (X)No	10.2
400	400	400	400	400	100	( )Yes (X)No	25.7
132	132	132	132	132	33	( )Yes (X)No	11
0	0	0	135.4	135.4	135.4	( )Yes (X)No	
79875	79875	79875	79875	79875	7987	( )Yes (X)No	55
135225	135225	135225	135225	135225	13522	( )Yes (X)No	92
18783	18783	18783	18783	18783	1878	( )Yes (X)No	113
0	0	0	914.7	914.7	0	( )Yes (X)No	11
0	0	0	1418.7	1418.7	0	( )Yes (X)No	10
0	0	0	1360	1360	0	( )Yes (X)No	
Number of Threat Emitters (Count)	**Number of Mobile Threat Emitters? (Count)**	**Number of Reactive Threat Emitters (Count)**	**Type of Threats (List)** ()AN/MLG-T4 Ground Jammer ()AN/MST-T1A Multiple Threat Emitter System, MUTES)	**Radar Jammer (Yes/No)**	**Communications Jammer (Yes/No)**	**Smokey Sams (Yes/No)**	**Smokey Guns (Yes/No)**

			()AN/MSR-T4 "TRAINS" ()AN/MST-T1V Mini-MUTES ()FME-Type Threats ()AN/TPQ-43 Seek Score ()AN/MLQ-T4 Ground Jammer ()AN/MST-T1A (MUTES) ()AN/MSR-T4 (TRAINS) ()AN/MST-T1V (Mini-MUTES) ()FME-Type Threats ()AN/TPQ-43 Seek Score				
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		( )Yes ( )No	( )Yes ( )No	( )Yes ( )No	( )Yes ( )No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No
15	11	0		(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	( )Yes (X)No

3.2.3.1.B.-(DoD162)
N/A

3.2.3.1.C.-(DoD163)
N/A

3.2.3.1.D.-(DoD164) (Space Ranges Only) Identify airspace associated with space launch facilities, established and utilized for launch and test operations (include aeronautical) performed either as a lead range or supporting range.

Range Designation Designation (Eastern, Western, WCOOA) (List)()Eastern ()Western ()WCOOA	Airspace Type (MOA, Restricted Area, Warning Area, etc.) (Text)	Airspace Area (degrees) (degrees) (NM^2)	Types of Operations Supported (Flight tests, launch ops, etc.) (Text)	Impact Area? (NM^2)	Activated for which Launch Azimuths? (degrees) (#)	# of sorties actually launched (Count)	Total Hours Scheduled Per Year (Hrs/Yr)
(X)Eastern	Warning Area -386	9584.6	Arial target presentation, weapons separation evaluation, aircraft flying quality and performance. Flight tests, CSSQT, SSDS, CEC, Aircraft Weapons separation, fleet support, and other DoD/government agency RDTE&A.	1600	360	691	2848
(X)Eastern	Restricted Area-6604, Virginia Capes, Operating area	100	Arial target presentation, weapons separation evaluation, aircraft flying quality and performance. Flight tests, CSSQT, SSDS, CEC, Aircraft Weapons separation, fleet support, and other DoD/government agency RDTE&A.	25	360	15	30
Total Hours Used Per Year (Hrs/Yr)	**Total # of annual requirements for FY 03 (Count)**	**Total # of operations actually performed for FY 03 (Count)**	**Area available to amphib, ground, joint testing (Text)**	**Is ranged controlled by range control officer (RCO)? (Yes/No)**	**Is range radar controlled? (Yes/No)**	**Types of radars, sensors, C2 capability, telemetry available. (Text)**	**Simultaneous launch/test capability? (Yes/No)**
549	956	691	none	(X)Yes ( )No	(X)Yes ( )No	Surveillance and precision radars,	(X)Yes ( )No

						telemetry, optical recording	
25	20	15	none	(X)Yes ( )No	(X)Yes ( )No	Surveillance and precision radars, telemetry, optical recording	(X)Yes ( )No

Over water launch/test capability? (Yes/No)	Identify significant factors limiting utilization if present (Text)
(X)Yes ( )No	Populated areas and Assateague National Wildlife Refuge adjacent to warning area, numerous commercial and recreational vessels operate within 50NM of shore.
(X)Yes ( )No	Populated areas and Assateague National Wildlife Refuge adjacent to warning area, numerous commercial and recreational vessels operate within 50NM of shore.

3.2.3.1.E.-(DoD165) List and identify each range/airspace complexes, greater than 150 NM from home station, the activity routinely uses without deploying, in the table provided below. The intent is to determine where the activity goes to fill/satisfy requirements home station ranges and airspace cannot. Include all special use airspace and airspace for special use.

Activity (Unit Designation) (Text)	Range Complex (Text)	Aircraft Types (Text)	Distance from Home Station to Area Entry Point (NM)	List Reasons Used (List)()Proximity, volume/size, weapons inert, ()weapons live, extended weapons, ()threats, GCI, supersonic, high altitude, ()low altitude, availability, non-availability ()of backyard range, dissimilar training, ()large force exercise, CAS with ground units, ()time sensitive targeting, drop zones,	Total Sorties for this unit (range time, not including transit) (Count)	List total number of annual sorties per activity (Count)	Number of Sorties flown in local air space (Count)

				()landing zones, test, other			
HX-21	Offshore Atlantic Warning Areas (W-387, W-386, W-72, W-107, W-122)	H-1, H-60, V-22	150	(X)landing zones, test, other	40.8	2663	2448
HX-21	Lockheed Martin Owego, NY (OEM for MH-60R)	MH-60R	200	(X)landing zones, test, other	12	2663	2448
HX-21	NAWC Lakehurst Elevated Fixed Platform	H-60	150	(X)landing zones, test, other	9.6	2663	2448
HX-21	Camp Dawson AAF, WV.	H-1, H-53	180	(X)low altitude, availability, non-availability	7.2	2663	2448
VX-23	VR-1754 Low Level Route	F/A-18, EA-6B, T-45	125	(X)low altitude, availability, non-availability	126	2923	2719
VX-23	Dare County Bombing Range (R-5313/5314)	F/A-18	150	(X)weapons live, extended weapons,	4	2923	2719
VX-23	W-72 Atlantic Warning Area	F/A-18, EA-6B	200	(X)landing zones, test, other	132	2923	2719
VX-23	Mid-Atlantic Electronic Warfare Range (MAEWR)	EA-6B	200	(X)landing zones, test, other	12	2923	2719

Number of Sorties flown away from local air space (Count)	**If flown in other than local airspace, specify impacts on mission (List)**()Reduction in Sorties ()Increased turn times ()Longer sortie duration ()Reduced training quality ()Lower utlization rate ()Improved training ()other
29	(X)other
29	(X)other
29	(X)other
29	(X)other
204	(X)other
204	(X)other
204	(X)other
204	(X)other

3.2.3.1.F.-(DoD166)
N/A

3.2.3.1.G.-(DoD169) If the activity is responsible for any airspace, list and identify each piece of airspace in the table provided below. Use only official names as described in FAA order 7400 or AP/1B.

Range/OPAREA Designation (Text)	Impact Area (Yes/No)	Total Published Hours Monday Through Friday (Hrs)	Total Published Hours Saturday and Sunday (Hrs)	Total Hours Scheduled per Year (Hrs/Yr)	Total Hours Range is Used Per Year (Hrs/Yr)	Identify Significant Factors Limiting Utilization if Present (Text)
NAWCAD Atlantic Range Complex, Inner Range/R4002	( )Yes (X)No	85	34	254	21	NONE
NAWCAD Atlantic Range Complex, Inner Range/R4005	(X)Yes ( )No	80	32	1915	501	NONE
NAWCAD Atlantic Range Complex, Inner Range/R4006	( )Yes (X)No	80	32	2935	2616	NONE
NAWCAD Atlantic Range Complex, Inner Range/R4007	( )Yes (X)No	80	32	50	22	NONE
NAWCAD Atlantic Range Complex, Inner Range/R4008	( )Yes (X)No	80	32	2374	2372	NONE
NAWCAD Atlantic Range Complex, Inner Range/R6609	(X)Yes ( )No	75	30	619	100	NONE
NAWCAD Atlantic Range Complex, Inner Range/Chessie A	( )Yes (X)No	107.5	43	0	0	Chessie/A/B/C use confined to any 3 consecutive Flight Levels between FL270 and FL 410 (lowest level odd FL) and only one altitude block activated at a one time.
NAWCAD Atlantic Range Complex, Inner Range/Chessie B	(X)Yes ( )No	107.5	43	0	0	see above
NAWCAD Atlantic Range Complex, Inner	( )Yes (X)No	107.5	43	15.5	7.8	see above

Range/Chessie C						
NAWCAD Atlantic Range Complex, Outer Range / W-386	(X)Yes ( )No	120	48	1189	539	None
NAWCAD Atlantic Range Complex, Outer Range / W-72	(X)Yes ( )No	120	48	65	48	None

3.2.3.1.H.-(DoD167)
N/A

3.2.3.1.I.-(DoD168) Are there any local agreements associated with any special use airspace, airspace for special use, or land areas managed/controlled/scheduled by the activity/range?
(Yes/No)
(X)Yes
( )No

3.2.3.1.J.-(DoD170)
N/A

Section : Limitations

3.2.3.2.A.-(DoD171) If the Environmental Impact Statements and other NEPA documents do not include all ground, air and sea training and testing areas managed/controlled by the base, list ranges (IAW DOD information publications and/or local/regional publications and letters of agreements) requiring analysis and complete the table below.

Identify Area (Text)	Status Of Analysis (List) ()Draft/Interium/Complete	Expected Completion Date (MM/YY)	Are There Any Problems with the Analysis (Yes/No)	Identify Problems (Text)
Bloodsworth Island Range	(X)Draft/Interium/Complete	10/2004	( )Yes (X)No	N/A

3.2.3.2.B.-(DoD172) Does the current "Description of Proposed Actions/Alternatives" (DOPAA) correctly define current operations?
(Yes/No)
(X)Yes
( )No

3.2.3.2.C.-(DoD173)
N/A

Section : Open Air Test Ranges

3.2.3.3.A.-(DoD175) ALL Services: If your activity/installation (e.g. base) manages/controls/schedules a range or OPAREA meeting the definition of an Open Air Range (OAR), provide the total number of military, government civilian and contractor personnel at your OAR in FY03, broken out by highest academic degree obtained.

	Range (OAR) Designation (Text)	Military - Officer (Pers)	Military - Enlisted (Pers)	Government Civilian (Pers)	Contractor (Pers)
High School (diploma or less)	NAWCAD Atlantic Range Complex, Inner Range	0	0	56	135
Associate	NAWCAD Atlantic Range Complex, Inner Range	0	0	5	25
Bachelor	NAWCAD Atlantic Range Complex, Inner Range	0	0	49	20
Master	NAWCAD Atlantic Range Complex, Inner Range	1	0	18	3
Doctorate or higher	NAWCAD Atlantic Range Complex, Inner Range	0	0	0	1

3.2.3.3.B.-(DoD174) ALL Services: If your activity/installation (e.g. base) manages/controls/schedules a range or OPAREA meeting the definition of an Open Air Range (OAR), provide the total number of military and government civilian personnel at your OAR in FY03, broken out by highest DAWIA certification level obtained.

	Range (OAR) designation (Text)	Military Officer (Pers)	Military Enlisted (Pers)	Government Civilian (Pers)
Level I	NAWCAD Atlantic Range Complex, Inner Range	0	0	12
Level II	Atlantic Test RangeNAWCAD Atlantic Range Complex, Inner Range	0	0	9
Level III	NAWCAD Atlantic Range Complex, Inner Range	1	0	43
Total Assigned Personnel	NAWCAD Atlantic Range Complex, Inner Range	1	0	127

3.2.3.3.C.-(DoD176) ALL Services: If your activity/installation (e.g. base) manages/is the scheduling activity/controls land space associated with ranges or OPAREA or manages land provide the

information in the table listed below.

Range/OPAREA Designation (Text)	Land Space Designation (e.g. Airport Lake) (Text)	Land Space Function (live fire, etc.), list all that apply. (Text)	Identify Any Restrictions (Text)	Gross Area (NM^2)	Unusable Area (NM^2)	Net Area (NM^2)	Instrumented Area (NM^2)
R4002	Bloodsworth Island	Bloodsworth Island	500lb bombs or less, no depleted uranium	39.6	34.6	4.93	39.6

Usable Low Altitude Vol. (Below 5000 AGL) (NM^3)
33

3.2.3.3.D.-(DoD177) ALL Services: If your activity/installation (e.g. base) manages/is the scheduling activity/controls impact zones and all landing (including for emergency) zones provide the information in the table below.

Range/OPAREA Designation (Text)	Impact Zone Designation (target/ target area name/#) (Text)	Total Impact Footprint Size (NM^2)	Max. Energy/Lethality Footprint (NM^2)	Total Safety Footprint, include total impact footprint (NM^2)	Landing Zone Designation (Text)	IMC DMZ? (Yes/No)	VMC DMZ? (Yes/No)
NAWCAD Atlantic Range Complex, Inner Range	R4006	10	.86	383	N/A	( )Yes (X)No	(X)Yes ( )No
NAWCAD Atlantic Range Complex, Outer Range	W 386	361	.86	9585	N/A	( )Yes (X)No	(X)Yes ( )No
NAWCAD Atlantic Range Complex, Outer Range	W 387	171	.86	2254	N/A	( )Yes (X)No	(X)Yes ( )No
NAWCAD Atlantic Range Complex, Outer Range	W 72	361	.86	16277	N/A	( )Yes (X)No	(X)Yes ( )No

Landing Zone? (Yes/No)	Other? (Text)
( )Yes (X)No	NONE
( )Yes (X)No	NONE
( )Yes (X)No	NONE
( )Yes (X)No	NONE

Section : Physical Plant

3.2.3.4.A.-(DoD178) ALL Services: If your activity/installation (e.g. base) controls/schedules manning (military, government civilian, and/or contractor) of range operation functions, provide the following information for each range and/or OPAREA

Range/OPAREA Designation (Text)	Officer - authorized (Pers)	Officer - assigned (Pers)	Enlisted - authorized (Pers)	Enlisted - assigned (Pers)	Government Civilian - authorized (Pers)	Government Civilian - assigned (Pers)	Contractors (Pers)
NAWCAD Atlantic Range Complex, Inner Range	0	1	0	0	127	127	184

Annual Contractor manhours (Count)	Did manning limit Range/OPAREA capacity (Yes/No)	Explain manning impacts (Text)
368000	( )Yes (X)No	NONE

3.2.3.4.B.-(DoD182) For Department of Navy Only. Did the Physical Plant limit your capacity to perform required operations or events on your range(s) and or Operations Area (OPAREA) during FY2003? If so, fill out table below.

Range/OPAREA Designation (Text)	Did the physical plant limit your capacity in FY03? (Text)	If yes, explain. (Text)
Atlantic Test Range R4006	NO	

3.2.3.4.C.-(DoD183) ALL Services: If your activity/installation (e.g. base) manages/is the scheduling activity/ controls a range or OPAREA identify all buildings, real property, real property modifications (MILCON appropriated through FDY04), and communications (Backbone) for each range in the table provided below: (repeat the table for each range)

Range/OPAREA Designation (Text)	Buildings/Facility Designation Number (Text)	Buildings/Facility Function (List)()Range Control ()Radar Operation ()Scoring ()Target Fabrication/Repair ()Threat Systems ()Data Processing ()Communications ()MX ()Administration	Buildings/Facility Category Code (Text)	Buildings/Facility Size (Net Square Feet) (SF)	Buildings/Facility Condition Code (List) ()C1 ()C2 ()C3 ()C4	Buildings/Facility Distributed Simulation Connectivity (Text)	Buildings/Facility HLA/TENA Compliance Level (Text)
NAWCAD Atlantic Range Complex, Inner Range	Bldg 196/Theodolite Tower (Cedar Point)	(X)Scoring	390-19	169	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner	197/ Theodolite Tower Pylon	(X)Scoring	390-19	169	(X)C1	Has distributed simulation connectivity	NA

Range						via the Range Control Facility at Bldg 2118	
NAWCAD Atlantic Range Complex, Inner Range	197A/ Kineto Track Mount Facility	(X)Scoring	390-19	484	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	198/Theodolite Tower (St James)	(X)Scoring	390-19	169	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	198A/Kineto Track Mount Facility	(X)Scoring	390-19	484	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	199/Theodolite Tower (Point No Point)	(X)Scoring	390-19	169	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	199A/ Kineto Track Mount Facility	(X)Scoring	390-19	484	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	1065/ Theodolite Power Shelter	(X)Scoring	390-11	44	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	1068/ Photo Optical Track Mount	(X)Scoring	390-16	104	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	1069/ Theodolite Power Shelter (Point no Point)	(X)Scoring	390-11	44	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	1085/ Theodolite Power Shelter	(X)Scoring	390-11	44	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	1099/ Theodolite Power Shelter	(X)Scoring	390-11	44	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	1319/ Radar/Radome Mount	(X)Radar Operation	390-17	0	(X)C1	None	NA

NAWCAD Atlantic Range Complex, Inner Range	1341/ Optical Bldg	(X)Scoring	319-15	596	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	1362/ Optical Bldg	(X)Scoring	310-17	1271	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1406/Range Operations & Instrumentation Lab	(X)Threat Systems	319-40	26511	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1408/Water Storage Building	(X)Administration	842-09	549	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1426/Theodolite Tower (Bay Forrest)	(X)Scoring	390-19	169	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1427/Optical Lab (Bay Forrest)	(X)Scoring	310-17	178	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1430/Perimiter Fence (Bay Forrest)	(X)Range Control	872-10	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1435/Communication Lab (Point Lookout)	(X)Communications	317-10	3818	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1460/Target Array in Bay	(X)Target Fabrication/Repair	390-11	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1630/Range Operations & Instrumentation Lab	(X)Range Control	319-40	969	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1642/400 Hz Radar System Equip Facility	(X)Radar Operation	319-19	320	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1663/Communication Tower	(X)Communications	371-17	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg1664/Range Operations & Instrumentation Lab	(X)Range Control	319-40	999	(X)C1	Has distributed simulation connectivity via the Range Control	NA

						Facility at Bldg 2118	
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1666/Radar Pedestal Transmitting Pad(Pt Lookout)	(X)Radar Operation	391-19	169	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1670/Photogramatics	(X)Scoring	319-15	5377	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1699/ Elec Comm Tower (Pt no Pt)	(X)Communications	371-17	0	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1701/Test Comm Storage Lab (Bishop Head)	(X)Communications	319-15	96	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1702/Perimeter Fence (Bishop Head)	(X)Range Control	872-10	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1810/Camera Stand	(X)Scoring	390-11	144	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1880/Helium Storage Facility	(X)Radar Operation	142-20	100	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1893/Transformer Station	(X)Range Control	812-12	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1894/Standby Generator	(X)Range Control	811-60	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1949/Theodolite Power Shelter	(X)Scoring	390-11	44	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1950/Range Operations & Instrumentation Lab (Laser Track Bldg)	(X)Radar Operation	390-40	96	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg1957/High Speed Track Mount (Pt No Pt)	(X)Scoring	371-11	320	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA

NAWCAD Atlantic Range Complex, Inner Range	Bldg 2048/RDT&E Storage Lab	(X)Scoring	319-15	148	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2059/ Range Operations & Instrumentation Lab	(X)Range Control	319-40	1000	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2062/Atenna	(X)Radar Operation	371-19	30	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2063/Radome	(X)Radar Operation	371-19	30	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2065/Generator Building	(X)Radar Operation	811-59	58	(X)C1	NA	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2068/RDT&E Storage Lab Equipment Shelter (Point No Point)	(X)Radar Operation	319-15	149	(X)C1	NA	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2080/Range Operations & Instrumentation Lab	(X)Radar Operation	319-40	280	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2082/Range Operations & Instrumentation Lab Radar Bldg	(X)Radar Operation	319-40	320	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2083/Radar Support Structure	(X)Radar Operation	390-19	0	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2084/Radar Antenna	(X)Radar Operation	391-19	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2085/Range Operations & Instrumentation Lab	(X)Radar Operation	319-40	280	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner	Bldg 2086/Radar Support Structure	(X)Radar Operation	319-19	0	(X)C1	None	NA

Range							
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2087/Range Operations & Instrumentation Lab	(X)Radar Operation	319-40	280	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2088/Radar Support Structure	(X)Radar Operation	319-19	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2089/Electrical Distribution Building	(X)Radar Operation	812-09	400	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2095/ Microwave Tower (Hermanville)	(X)Communications	390-19	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2096/ Range Operations & Instrumentation Lab (Hermanville)	(X)Communications	319-40	97	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2097/ Perimeter Fence (Hermanville)	(X)Communications	872-15	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2118/ Computer and Analysis Lab & Range Control and Telemetry Center	(X)Range Control	310-33	43289	(X)C1	Bldg 2118/ Connects to the NAVAIR RDT&E Network which connects to the ACETEF labs the manned flight simulator and the ship ground station simulation facility and the China lake IBAR	Bldg 2118/HLA and TENA FULL COMPLIANCE
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2136/ Supply Pump	(X)Administration	844-30	240	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2137/ Storage Tank	(X)Administration	844-40	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2140/ Range Operations & Instrumentation Lab	(X)Range Control	319-40	2469	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic	Bldg 2141/ Elec. Comm	(X)Communications	371-17	0	(X)C1	None	NA

Range Complex, Inner Range	Sys Range Tower						
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2143/ Range Operations & Instrumentation Lab	(X)Communications	319-40	300	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2144/ Range Operations & Instrumentation Lab (St. James)	(X)Range Control	319-40	120	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2145/ Range Operations & Instrumentation Lab (Bay Forrest)	(X)Range Control	319-40	264	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2146/ Range Operations & Instrumentation Lab (Point Lookout)	(X)Range Control	319-40	267	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2147/ Range Operations & Instrumentation Lab (Point No Point)	(X)Range Control	319-40	300	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2151/ Generator	(X)Communications	811-60	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2153/ Generator	(X)Communications	811-60	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2155/ Generator	(X)Communications	811-60	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2157/ Generator	(X)Communications	811-60	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2158/ Elec. Comm Sys Range Tower (St. James)	(X)Communications	371-17	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2160/ EW Opearations Trailer Pad	(X)Threat Systems	852-41	7500	(X)C1	None	NA
NAWCAD Atlantic	Bldg 2178/	(X)Data Processing	132-10	0	(X)C1	None	NA

Range Complex, Inner Range	Antenna-Comm Radar Telemetry Tracking Systme Pedestal						
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2202/ Range Operations & Instrumentation Lab	(X)Range Control	319-40	1557	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2231/ Public Toilet	(X)Administration	730-75	176	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2239/ RDT&E Storage Lab	(X)Range Control	319-15	182	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2240/ Range Operations & Instrumentation Lab	(X)Range Control	319-40	1414	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2245/ Camera Stand	(X)Scoring	319-15	177	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1700/ Elec Comm Tower (Pt no Pt)	(X)Communications	371-17	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2423/ RT&E Storage Lab	(X)Range Control	319-15	5056	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2424/ Telemetry Range Data Lab	(X)Data Processing	319-25	4376	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2483/ Communication Tower (Bishop Head)	(X)Communications	371-17	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2484/ Range Operations & Storage Lab (Bishop Head)	(X)Communications	319-40	140	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2485/ Standby Generator (Bishop Head)	(X)Communications	811-60	0	(X)C1	None	NA
NAWCAD Atlantic	Bldg 2486/ Liquid Petro	(X)Communications	411-60	0	(X)C1	None	NA

Range Complex, Inner Range	Fuel Storage						
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2487/ Communication Tower (Westover)	(X)Communications	371-17	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2488/ Range Ops & Instrument Lab (Westover)	(X)Communications	319-40	192	(X)C1	none	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2489/ Standby Generator (Westover)	(X)Communications	811-60	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2490/ Liquid Petro Fuel Storage (Westover)	(X)Communications	411-60	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2491/ Perimiter Fence (Westover)	(X)Range Control	872-10	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2492/ Trailer Pad (Bishop Head)	(X)Scoring	852-41	360	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2611/ Radar Operations Lab	(X)Target Fabrication/Repair	319-40	3803	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2658/ Telemetry Range Data Lab	(X)Data Processing	319-25	4000	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 3176/ SurTrak	(X)Communications	995-10	4320	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 8189/ Antenna Tower - Communication	(X)Communications	132-10	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 8190/ Radar Bldg	(X)Radar Operation	319-40	235	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 3177/ TSPI Lab	(X)Radar Operation	995-10	1440	(X)C1	None	NA
AtlaNAWCAD Atlantic	Bldg 3178/ PCDS Lab	(X)Data Processing	995-10	2160	(X)C1	None	NA

Range Complex, Inner Range							
NAWCAD Atlantic Range Complex, Inner Range	Bldg 3184/ Photogrametrics	(X)Scoring	995-10	4320	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 8187/ Antenna-Communications	(X)Communications	132-10	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 8188/ Antenna Tower-Communications	(X)Communications	132-10	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2657/ Range Ops and Instrument Lab	(X)Target Fabrication/Repair	311-10	8236	(X)C1	Has distributed simulation connectivity via the Range Control Facility at Bldg 2118	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1817/ Boat Pier	(X)Range Control	155-20	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1818/ Boat Pier	(X)Range Control	155-20	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 1819/ Boat Pier	(X)Range Control	155-20	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2081/ Radar Pedestal	(X)Radar Operation	390-19	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 2682/ Perimeter Fence	(X)Range Control	872-15	0	(X)C1	None	NA
NAWCAD Atlantic Range Complex, Inner Range	Bldg 6442/ Target Support	(X)Target Fabrication/Repair	143-77	0	(X)C1	None	NA

Construction Status (Text)	**Special Utilities Features/Requirement (ex. Cryogenic Gen.) (Text)**	**Special Facility Features (eg. Shielding or Security) (Text)**	**Environmental Control Requiremnts (Air Scrubbing or Temp.) (Text)**
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized	High volume heating and cooling for electronic components.

		access to the facility.	
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	None	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire	High volume heating and cooling for electronic components.

		to prevent unauthorized access to the facility.	
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Radar/Radoem Mount Restricded area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established locked doors prevent unauthorized access	None
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established locked doors prevent unauthorized access	None
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.

Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- 328 LF chain link fencing with barbed wire to prevent unauthorized access to the facility.	N/A
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Target Array	N/A
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	400 Hz Electric	Restricted area controls established locked doors prevent unauthorized access	None
Complete	None	Communications Tower Restricted area controls established chian link fencing with barbed wire to prevent unatuthorized access to the facility	N/A
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized	N/A

		access to the facility.	
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	None
Complete	None	Communications Tower Restricted area controls established chian link fencing with barbed wire to prevent unatuthorized access to the facility	N/A
Complete	None	Communications Tower Restricted area controls established chian link fencing with barbed wire to prevent unatuthorized access to the facility	None
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	N/A
Complete	400 Hz Electric	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established locked doors prevent unauthorized access	N/A
Complete	None	Transformer Station Restricted area controls established locked doors prevent unauthorized access	none
Complete	None	Generator Restricted area controls established chain link	N/A

		fencing with barbed wire to prevent unauthorized access to the facility	
Complete	None	Restricted area controls established- lcoked doors to prevent unauthorized access	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- lcoked doors to prevent unauthorized access	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Antenna Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	400 Hz Electric	Radome Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	400Hz Electric	Restricted area controls established- lcoked doors to prevent unauthorized access	High volume heating and cooling for electronic components.

Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	400 Hz Electric	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	400 Hz Electric	Radar Support Structure Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Radar Antenna Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	400 Hz Electric	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Radar Support Structure Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	400 Hz Electric	Restricted area controls established- chain link	High volume heating and cooling for

		fencing with barbed wire to prevent unauthorized access to the facility.	electronic components.
Complete	None	Radar Support Structure Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	400 Hz Electric	Restricted area controls established- lcoked doors to prevent unauthorized access	High volume heating and cooling for electronic components.
Complete	400 Hz Electric	Microwave Tower Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- 143 LF chain link fencing with barbed wire to prevent unauthorized access to the facility.	N/A
Complete	None	Secure Annex portion of Bldg 2118, 3, 915 sq ft meets DCID/21 standards Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- locked	N/A

		doors to prevent unauthorized access	
Complete	None	Storage Tank Restricted area controls established- lcoked doors to prevent unauthorized access	N/A
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Communication Tower Restricted area controls established- 143 LF chain link fencing with barbed wire to prevent unauthorized access to the facility.	N/A
Complete	None	Restricted area controls established- 143 LF chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- 143 LF chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- 143 LF chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.

Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Generator Restricted area controls established- locked doors to prevent unauthorized access	None
Complete	None	Generator Restricted area controls established- locked doors to prevent unauthorized access	None
Complete	None	Generator Restricted area controls established- locked doors to prevent unauthorized access	None
Complete	None	Generator Restricted area controls established- locked doors to prevent unauthorized access	None
Complete	None	Communication Tower Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	N/A
Complete	None	Restricted area controls established- fencing with barbed wire to prevent unauthorized access to the facility.	N/A
Complete	None	Antenna Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	N/A

Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	none	N/A
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	None
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	None
Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.
Complete	None	Communication Tower Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	High volume heating and cooling for electronic components.

Complete	None	Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	None
Complete	None	Generator Restricted area controls established locked doors prevent unauthorized access	N/A
Complete	None	Fuel Storage Restricted area controls established- chain link fencing with barbed wire to prevent unauthorized access to the facility.	N/A
Complete	None	Communication Tower Restricted area controls established locked doors prevent unauthorized access	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established- locked doors to prevent unauthorized access	High volume heating and cooling for electronic components.
Complete	None	Generator Restricted area controls established- locked doors to prevent unauthorized access	N/A
Complete	None	Fuel Storage Restricted area controls established locked doors prevent unauthorized access	N/A
Complete	None	Restricted area controls established 393LF chian link fencing with barbed wire to prevent unauthorized access to the facility	N/A
Complete	None	None	N/A

Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established locked doors prevent unauthrized access	None
Complete	400 Hz Electric	Antenna Tower Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	N/A
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established locked doors prevent unauthrized access	none
Complete	400 Hz Electric	Antenna Restricted area controls established chain link fencing with	N/A

		barbed wire to prevent unauthorized access to the facility	
Complete	400 Hz Electric	Antenna Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	N/A
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	High volume heating and cooling for electronic components.
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	N/A
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	N/A
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	N/A
Complete	None	Restricted area controls established chain link fencing with barbed wire to prevent unauthorized access to the facility	N/A
Complete	None	Restricted area controls established 65 LF chain link fencing with barbed wire to prevent unauthorized access to the facility	N/A
Complete	None	Restricted area controls established chain link	N/A

		fencing with barbed wire to prevent unauthorized access to the facility	

3.2.3.4.D.-(DoD184) FOIA (b) (2)

3.2.3.4.E.-(DoD185) ALL Services: If your activity/installation (e.g. base) manages/is the scheduling activity/controls a range or OPAREA identify instrumentation that you manage or control for each range. If you rely on instrumentation or other capabilities managed or controlled by another installation, identify the installation/activity in the "Features or Characteristics) column.

	Command and Control (Text)	**Scoring Systems (including Real-Time Casualty Assessment) (Text)**	**TM (Text)**	**Decision, display, and debrief (Text)**	**Surveillance (e.g. video, radar, E/O, etc.) (Text)**	**TSPI (Text)**	**Flight Termination (Text)**
Range/OPERA Designation	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range
Quantity	RCCS II = 5 ea; SureTrack = 6; FACSFAC = 1; MICROCON = 1; GPS Tracking System =1	1- Video Bomb Scoring System (VBSS	8 Tracking Antennas; 4 Pan and Tilt Antennas; 8 Project Engineer Stations (display rooms)	RCCS II = 5; SureTrack = 6; GPS Tracking System = 1; TM PESs = 8	ASR-8 = 3 ea; DASR-11 = 1 ea; ARSR-4 = 5 ea; MIR Radar = 1 ea; FURUNO Radars = 5 ea; KTM Mounts = 3; Cinetheodolites = 4; LINK 11 = 1 link	Tracking Radar = 4, Cinetheodolites = 4, Kineto Tracking Mounts =4; Automatic Laser Tracking Systems = 2; Range GPS = 84; Minilir = 1	2
Features (incl. reliance on Other Installation Instrumentation)	RCCS II: The local command & control systems allow the ATR to provide services throughout the expanse of OPAREAS. Each RCCS II system provides data outputs on up to 128 simultaneous tracks with a max data rate of 100 samples per second. Also merges IFF data displays with mission displays. SureTrack: The SureTrack system merges IFF and primary surveillance radar inputs and merges data	n/a	Complete coverage from engine start and takeoff through restricted airspace use to landing and taxi back. Antennas at NASA Wallops Island, Va. Provide extended coverage over the Atlantic. Real-time processing and display of eight concurrent flight test missions. 20 graphics displays per mission with 10 strip charts. 4 TM sources per test. 1.8 million samples per second aggregate throughput. 32000 total TM	RCCS II: The local command & control systems allow the ATR to provide services throughout the expanse of OPAREAS. Each RCCS II system provides data outputs on up to 128 simultaneous tracks with a max data rate of 100 samples per second. Also merges IFF data displays with mission displays. SureTrack: The SureTrack system merges IFF and primary surveillance radar inputs and merges data	n/a	Tracking radar provides high data rate > 100Hz on uncooperative, un-instrumented, and small radar cross-section targets. GPS provides high accuracy position = 3 ft horizontal and 6 ft vertical, velocity = 0.8 ft. per second, acceleration and attitude on vehicle dynamics of up to 10 g's located over-the horizon. Minilir provides unique capability to perform carrier suitability testing.	W-386 FTS data-link used in conjunction with Wallops transmitter and antenna.

	from all TSPI sources providing higher update rates and more accurate positional information. FACSFAC: The FACSFAC data feed is a mosaic of 7 diversely located radars providing extended range surveillance and command and control capabilities. MICROCON: The MICROCON provides alternative standalone capabilities based on Modes II and III IFF displays as a backup to other existing systems. GPS Tracking: The GPS system provides high precision reported positioning from cooperative assets for use as either a stand alone system or merged with the RCCS II and/or SureTrack display systems. NASA Wallops Island, Virginia Flight Facility Mission Command Center. Navy Surface Combat Systems Center at Wallops Island, Va.		measurements per test. Capacity for 25 test personnel per room, expanding to 40 by 2006.	from all TSPI sources providing higher update rates and more accurate positional information. FACSFAC: The FACSFAC data feed is a mosaic of 7 diversely located radars providing extended range surveillance and command and control capabilities. MICROCON: The MICROCON provides alternative standalone capabilities based on Modes II and III IFF displays as a backup to other existing systems. GPS Tracking: The GPS system provides high precision reported positioning from cooperative assets for use as either a stand alone system or merged with the RCCS II and/or SureTrack display systems. NASA Wallops Island, Virginia Flight Facility Mission Command Center. Navy Surface Combat Systems Center at Wallops Island, Va.			
	Voice Communications (Text)	**Data Communications (Text)**	**Data Processing (Text)**	**Test Article Instrumentation (Text)**	**Signature,acoustic measure (Text)**	**Other (Greater than $5M) (Text)**	
Range/OPERA Designation	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	NAWCAD Atlantic Range Complex, Inner Range	n/a	
Quantity	RASCOM -1 red, 1	a) 1 OC-12 ATM	RCCS II = 5; SureTrack	Instrumented	Tracking Radar = 4;	n/a	

	black; IVCSS = 3	network, 2 Gigabit Ethernet networks (Operational and Development); b) -1 OC-12 Nortel SONET backbone; c) -1 Alcatel OC-3 digital microwave, 1 8Mhz analog microwave; d) -2 8MHz analog microwaves	= 6; GPS Tracking System = 1	Aircraft=47; utilizing various Instrumentation systems, sensors, transmitters, storage/recording devices, and various other equipment.	Cinetheodolites = 4; Kineto Tracking Mounts =4; Automatic Laser Tracking Systems = 2; Range GPS =84 Minilir = 1	
Features (incl. reliance on Other Installation Instrumentation)	Red and black capabilities. Red audio to ACETEF and for Joint programs is dependent on PAX AIC network. Joint black audio is dependent on PAX RDT&E network.	DREN/SDREN connections for Joint programs are dependent on PAX RDT&E and AIC networks.	n/a	n/a	Features (incl. Reliance on Other Installation	n/a

3.2.3.4.F.-(DoD186) If your activity/installation (e.g. base) manages/schedules/controls a range(s)/OPAREA. Identify its topography and describe its meteorological climate in the table below.

Range or OPAREA designation (Text)	Average Temperature (F)	Maximum Temperature (F)	MinimumTemperature (F)	Average Humidity (%)	Maximum Humidity (%)	Minimum Humidity (%)	Average Visibility (Ft)
RESTRICTED AREA 4002	58.3	97	10	64.5	100	18	23,760
RESTRICTED AREA 4005	58.3	97	10	64.5	100	18	23,760
RESTRICTED AREA 4006	58.3	97	10	64.5	100	18	23,760
RESTRICTED AREA 4007	58.3	97	10	64.5	100	18	23,760
RESTRICTED AREA 400						18	23,760
RESTRICTED AREA 6609	58.3	97	10	64.5	100	18	23,760

Maximum Visibility (Ft)	Minimum Visibility (Ft)	Average Annual Severe Weather Days (Day)	Maximum Elevation (MSL) (Ft MSL)	Minimum Elevation (MSL) (Ft MSL)
36,960	0	70	25000	0
36,960	0	70	25000	0
36,960	0	70	25000	0
36,960	0	70	25000	0

36,960	0	70	25000	0
36,960	0	70	25000	0

3.2.3.4.G.-(DoD187) Indicate the capabilities supported at your range or OPAREA For each range/OPAREA fill in the table below.

Range or OPAREA Designation (Text)	Live Ordnance? (Yes/No)	Inert Small Scale? (Yes/No)	Inert Full Scale? (Yes/No)	Heading Restrictions for Weapons Delivery? (describe) (Text)	Maximum Release Altitude (AGL) (Ft)	Multiple/Salvo Deliveries? (Yes/No)	Night-Operations (Yes/No)
R4005 North / Chesapeake Bay / 33 CFR 334.200	( )Yes (X)No	(X)Yes ( )No	(X)Yes ( )No	Depends on weapon type, typically South to North.	250	(X)Yes ( )No	(X)Yes ( )No
R4005 South/ Chesapeake Bay / 33 CFR 334.200	( )Yes (X)No	(X)Yes ( )No	(X)Yes ( )No	Depends on weapon type, normally unrestricted	250	(X)Yes ( )No	(X)Yes ( )No
R4002 / Bloodsworth Island/ 33CFR 334.190	( )Yes (X)No	(X)Yes ( )No	(X)Yes ( )No	Depends on weapon type, typically towards East	200	(X)Yes ( )No	(X)Yes ( )No
R6609 / Tangier Target / 33CFR 334.210 and 33CFR 334.220	( )Yes (X)No	(X)Yes ( )No	(X)Yes ( )No	Depends on weapons type, typically North to South or South to North	20000	(X)Yes ( )No	(X)Yes ( )No
W386 VACAPES Warning Area	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	Depends on weapons type, typically unrestricted,		(X)Yes ( )No	(X)Yes ( )No

Lights-out Operations (Yes/No)	Lasers (Yes/No)	High Power Microwave (Yes/No)	Supersonic Flight? (describe capability and restrictions) (Text)	Other Special Weapons? (specify type) (Text)	List Range Use Restriction(s) (Text)	List reason, dates/times of seasonal restrictions? (Text)
(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	IAW Range Safety Manual (max MACH 1.2 dive on specific route)			
(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	IAW Range Safety Manual(max MACH 1.2 dive on specific route)			
(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	No			
(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	No			
(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	Yes, 30 miles offshore or parallel or away from shore above FL 300.			

3.2.3.4.H.-(DoD188) Indicate the mobile targets operated on your range or OPAREA Complex in the table below.

	Quantity/Type of Mobile Targets (Count)	Range/OPAREA Designation (Text)	Launch Capability (List)()fixed, mobile	Features/unique capabilities (ex. Electromag. Radiation, Heat IR) (Text)	Remotely Controlled or Programmable (List)()remotely controlled, ()programmable ()both
Aerial Subscale	94	NAWCAD Atlantic Range Complex, Outer Range	(X)fixed, mobile	EW, IR augmented	(X)both
Aerial Full Scale	0	n/a		n/a	
Rotary-wing	0	n/a		n/a	
Ballistic Missile	0	n/a		n/a	
Sea Surface	17	NAWCAD Atlantic Range Complex, Outer Range	(X)fixed, mobile	EW, IFF Augmented	(X)remotely controlled,
Undersea	0	n/a		n/a	
Land	2	NAWCAD Atlantic Range Complex, Inner Range	(X)fixed, mobile	N/A	(X)remotely controlled,
Decoy	2	NAWCAD Atlantic Range Complex, Outer Range	(X)fixed, mobile	N/A	(X)remotely controlled,
Space Based	0	n/a		n/a	
Other	0	n/a		n/a	

3.2.3.4.I.-(DoD189) Indicate the fixed targets operated on your range/OPAREA:

Range/OPAREA Designation (Text)	Drop Zone/Target Designation (Text)	Conventional/Nuclear Bulls-eye (Text)	Convoy/SEAD (Text)	Are Targets Radar Significant? (Yes/No)	Are Targets Visually Significant? (Yes/No)	Target Features (eg. scored, night-lighted, reconfigurable, etc.) (Text)	ARM Targets? (Yes/No)
NAWCAD Atlantic Range Complex, Outer Range	Warning area 386	No	No	(X)Yes ( )No	(X)Yes ( )No	Able to position remote control fixed or mobile targets within the warning areas.	(X)Yes ( )No
NAWCAD Atlantic Range Complex, Inner Range	Hooper	Yes	No	(X)Yes ( )No	(X)Yes ( )No	Target board complex on pylons in 40 ft of water, Laser Scoring, Automated Electro Optical Scoring	( )Yes (X)No

NAWCAD Atlantic Range Complex, Outer Range	Hannibal ship	Yes	No	(X)Yes ( )No	(X)Yes ( )No	Scuttled Liberty ship target for small arms fire and inert gravity bombs.	( )Yes (X)No
NAWCAD Atlantic Range Complex, Outer Range	Bloodsworth Island	No	12 Mobile Plastic Threat Vehicles simulating various ground and anti aircraft threats. Capable of presenting a threat scenario to include active EW emitters.	(X)Yes ( )No	(X)Yes ( )No	Island target.	( )Yes (X)No

IR Targets? (Yes/No)	Are IFR Releases Authorized? (Yes/No)	Are targets scorable? (Yes, No) (Instrumentation) (Yes/No)	Can the scoring system score multiple impacts? (Yes/No)	Are targets IR/Night scorable? (Yes/No)	# targets more than 180 degrees of heading restriction? (Count)
(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No	( )Yes (X)No	( )Yes (X)No	0
(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No	0
(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No	( )Yes (X)No	( )Yes (X)No	0
(X)Yes ( )No	( )Yes (X)No	(X)Yes ( )No	( )Yes (X)No	( )Yes (X)No	0

3.2.3.4.J.-(DoD190) For Navy Only: if your activity/installation (e.g. base) manages/schedules/ controls or contracts Specialized vehicles (torpedo retriever, marine mammal support vehicle) for use with range management or operations, list those in the following table.

	Range or OPAREA Designation (Text)	Vehicles for Rng Operation (trgt towing, etc.) (Text)	Logistcs Vehicles (H2O trnsprt, etc.) (Text)	If current requirements not met, explain. (Text)
Number	See attachment uploaded for number, type and personnel. This table is too restrictive.	See attachment uploaded for answer. This table is too restrictive.	See attachment uploaded for answer. This table is too restrictive.	See attachment uploaded for answer. This table is too restrictive.
Type	See attachment uploaded for answer. This table is too restrictive.	See attachment uploaded for answer. This table is too restrictive.	See attachment uploaded for answer. This table is too restrictive.	See attachment uploaded for answer. This table is too restrictive.
Number of Personnel	See attachment uploaded for answer. This table is too	See attachment uploaded for answer. This table is too	See attachment uploaded for answer. This table is too	See attachment uploaded for answer. This table is too

	restrictive.	restrictive.	restrictive.	restrictive.

Section : Sea Space

3.2.3.5.A.-(DoD195) What type of data communication infrastructure or backbone supports this range and/or OPAREA?

Range(s) and/or OPAREA(s) Served (Text)	Backbone Medium (List)()ISDN ()Fiber ()ATM ()Microwave ()DSL ()Cable ()Satellite ()Other	Range Operations Facilities or Instrumentation Connected (Text)	Other ranges/ facilities at this installation connected remotely (%)
NAWCAD Atlantic Test Range Complex, Inner Range	(X)Fiber	Chesapeake Bay Instrumentation, theodolite, radars and emitters	100
NAWCAD Atlantic Test Range Complex, Inner Range	(X)Microwave	NAWCAD - St. Inigoes, MD	100
NAWCAD Atlantic Test Range Complex, Inner Range	(X)Fiber	ACETEF and all Air Interoperability Center connected laboratories at Patuxent River	100

3.2.3.5.B.-(DoD191) If your activity/installation manages or controls sea space which can be used for Littoral/Amphibious/Special Operations training or testing, identify each area.
Range and/or OPAREA (Text)
NAWCAD Atlantic Test Range Complex, Inner Range

Identify Sea Space (Text)
Coastline under the following Restricted Airspaces (R4002,R4005,R4006,R4007,R4008,R6609). Surf zone within Pax owned/controlled area.

Coastline (NM)
584.8

Surf Zone Suitable for Training(NM) (NM)
37

Describe area (Text)
Surf zone owned/controlled by Pax and under restricted airspace.

Landing Areas (displacement/non-displacement, tracked or wheel..) (Text)
Landing areas suitable for small boat operation/special forces insertion

Specific Restrictions (Text)
Inert ordnance only.

3.2.3.5.C.-(DoD192) If the activity manages/controls any sea space used for training or testing, identify each unit of sea space.

Range or OPAREA (Text)	Identify Sea Space (Text)	Total Sea Space Area (NM^2) (NM^2)	Total Sea Space in Shallow Water (NM2) (NM^2)	Longest Straight Line Distance over water (NM^2) (NM)	(NM^2) Surface Instrumented (NM^2)	Maximum Underwater Sea Space Depth (Fathoms) (Text)	Longest Straight Line Distance Through Shallow Water (NM) (NM)
NAWCAD Atlantic Test Range Complex, Inner Range	RESTRICTED AREAS 4005N/4005S/6609	320.5	320.5	39	320.5	20(Fathoms)	39
NAWCAD Atlantic Test Range Complex, Outer Range	WARNING AREAS 387/386/72	25861	9675.4	181	25861	2280	80

Longest Straight Line Distance Through Deep Water (NM) (NM)	Depth Restrictions for subsurface operations (Text)	(NM^2) Shallow Underwater Sea Space Instrumented (NM^2)	(NM^2) Deep Underwater Sea Space Instrumented (NM^2)
0	NO NAVAIR RESTRICTION	0	0
140	NO NAVAIR RESTRICTION	0	0

3.2.3.5.D.-(DoD193) Complete the following table for all sea space (surface and sub-surface) managed/scheduled/controlled by the activity. Use the following abbreviations as required: Weather (WX), Maintenance (MX), and Air Traffic Control (ATC), Commercial Shipping (CS), Private Vessel (PV), other.

Range/OPAREA Designation (Text)	Identify Sea space Range and/or OPAREA (Text)	Budgeted/Published Availability (Text)	Hours Scheduled per year (Avg 2001 through 2003) (Hrs)	Hours used per year (avg 2001 through 2003) all users (Hrs)	What % of events were canceled? Reason for canceling: WX, MX, etc (Text)
ATLANTIC TEST RANGE (INNER RANGE)	R-4005/R-4005S/R-6609	8670	443	259	41% Other (Test event cancelled by customer and weather)
ATLANTIC TEST RANGE (OUTER RANGE)	W-386/W-72	8670	37	32	13.5% Other (Test event cancelled by customer and weather)

3.2.3.5.E.-(DoD194) If instrumentation is available for supporting use of specialized targets available at the sea range or OPAREA, complete the table below.

Range/OPAREA	Torpedo Defense	Infrared Seeking	Sensor-Fuzed	Radiation-Seeking	Drone-Formation	Electronic Counter	High Power

Designation (Text)	Weapons (Text)	Weapons (Text)	Weapons (Text)	Weapons (Text)	Weapons (Text)	Measures (Text)	Microwave (Text)
R-4005	N/A	YES	YES	NO	NO	The Advanced Dynamic Aircraft Measurement System ADAMS RCS measurement system can obtain dynamic in-flight measurements electronic countermeasures single including aircraft, chaff and jammers. The system currently obtains these measurements on a radar pulse-to-pulse basis using 150 MHz through 18 GHz plus 35GHz. The number of range gates is selectable, one gate is selected for single target data acquisition as in an aircraft RCS measurement, two gates are selected for measurements of a jammer and aircraft as in Jam to Signal (J/S) ratio, while up to 20 gates can be selected for measurements of extended targets such as chaff. The system is used routinely to evaluate both self protection jammers (ASPJ/IDECM)and stand-off jammers (EA-6B and FA-18G). The system is also used in support of chaff dispenser development and chaff production lot	Various EW fixed and mobile emitters are available to emulate high power microwave sources.

						sampling.	
R-6609	N/A	YES	YES	NO	NO	The Advanced Dynamic Aircraft Measurement System ADAMS RCS measurement system can obtain dynamic in-flight measurements electronic countermeasures single including aircraft, chaff and jammers. The system currently obtains these measurements on a radar pulse-to-pulse basis using 150 MHz through 18 GHz plus 35GHz. The number of range gates is selectable, one gate is selected for single target data acquisition as in an aircraft RCS measurement, two gates are selected for measurements of a jammer and aircraft as in Jam to Signal (J/S) ratio, while up to 20 gates can be selected for measurements of extended targets such as chaff. The system is used routinely to evaluate both self protection jammers (ASPJ/IDECM)and stand-off jammers (EA-6B and FA-18G). The system is also used in support of chaff dispenser development and chaff production lot	Various EW fixed and mobile emitters are available to emulate high power microwave sources.

						sampling.	
W-382	N/A	YES	YES	YES	YES	The Advanced Dynamic Aircraft Measurement System ADAMS RCS measurement system can obtain dynamic in-flight measurements electronic countermeasures single including aircraft, chaff and jammers. The system currently obtains these measurements on a radar pulse-to-pulse basis using 150 MHz through 18 GHz plus 35GHz. The number of range gates is selectable, one gate is selected for single target data acquisition as in an aircraft RCS measurement, two gates are selected for measurements of a jammer and aircraft as in Jam to Signal (J/S) ratio, while up to 20 gates can be selected for measurements of extended targets such as chaff. The system is used routinely to evaluate both self protection jammers (ASPJ/IDECM)and stand-off jammers (EA-6B and FA-18G). The system is also used in support of chaff dispenser development and chaff production lot	Various EW fixed and mobile emitters are available to emulate high power microwave sources.

						sampling.	
W-72	N/A	YES	YES	YES	YES	The Advanced Dynamic Aircraft Measurement System ADAMS RCS measurement system can obtain dynamic in-flight measurements electronic countermeasures single including aircraft, chaff and jammers. The system currently obtains these measurements on a radar pulse-to-pulse basis using 150 MHz through 18 GHz plus 35GHz. The number of range gates is selectable, one gate is selected for single target data acquisition as in an aircraft RCS measurement, two gates are selected for measurements of a jammer and aircraft as in Jam to Signal (J/S) ratio, while up to 20 gates can be selected for measurements of extended targets such as chaff. The system is used routinely to evaluate both self protection jammers (ASPJ/IDECM)and stand-off jammers (EA-6B and FA-18G). The system is also used in support of chaff dispenser development and chaff production lot	Various EW fixed and mobile emitters are available to emulate high power microwave sources.

						sampling.	
Features (incl. reliance on other installation's instrumentation) (Text)	**Passive Signature (Text)**	**Simulated or Live Threat Forces (Text)**	**List any other (Text)**				
NASA Wallops Flight Test Facility radars, telemetry and optical, and data-link used to support operations in W-386 and W-72.	The Advanced Dynamic Aircraft Measurement System (ADAMS) provides coherent passive RF signature measurements of dynamic in-flight aircraft. These data products include high PRF Doppler signature, wide band stepped frequency precision down-range profiles and ISAR imagery, and narrow band RCS at up to 80 frequencies simultaneously. The system currently obtains these measurements on a radar pulse-to-pulse basis using 150 MHz through 18 GHz plus 35GHz. A wide range of aircraft programs across DoD are supported including RCS production lot sampling of the FA-18E/F for radar signature specification compliance.	Aerial targets available for use in W-72 and W-386. Remote operated sea surface targets available for live fire in all operating areas. Mobile plastic ground targets available for targeting only in R-4005, R-6609.	Full-scale ship hulks with full instrumentation suites available for RDT&E or training utilization. Battlefield Voice Simulation System (BVSS) available to simulate opposing force C4I network.				
NASA Wallops Flight Test Facility radars, telemetry and optical, and data-link used to support operations in	The Advanced Dynamic Aircraft Measurement System (ADAMS) provides coherent passive RF signature	Aerial targets available for use in W-72 and W-386. Remote operated sea surface targets available for live	Full-scale ship hulks with full instrumentation suites available for RDT&E or training utilization. Battlefield				

W-386 and W-72.	measurements of dynamic in-flight aircraft. These data products include high PRF Doppler signature, wide band stepped frequency precision down-range profiles and ISAR imagery, and narrow band RCS at up to 80 frequencies simultaneously. The system currently obtains these measurements on a radar pulse-to-pulse basis using 150 MHz through 18 GHz plus 35GHz. A wide range of aircraft programs across DoD are supported including RCS production lot sampling of the FA-18E/F for radar signature specification compliance.	fire in all operating areas. Mobile plastic ground targets available for targeting only in R-4005, R-6609.	Voice Simulation System (BVSS) available to simulate opposing force C4I network.
NASA Wallops Flight Test Facility radars, telemetry and optical, and data-link used to support operations in W-386 and W-72.	The Advanced Dynamic Aircraft Measurement System (ADAMS) provides coherent passive RF signature measurements of dynamic in-flight aircraft. These data products include high PRF Doppler signature, wide band stepped frequency precision down-range profiles and ISAR imagery, and narrow band RCS at up to 80 frequencies simultaneously. The	Aerial targets available for use in W-72 and W-386. Remote operated sea surface targets available for live fire in all operating areas. Mobile plastic ground targets available for targeting only in R-4005, R-6609.	Full-scale ship hulks with full instrumentation suites available for RDT&E or training utilization. Battlefield Voice Simulation System (BVSS) available to simulate opposing force C4I network.

	system currently obtains these measurements on a radar pulse-to-pulse basis using 150 MHz through 18 GHz plus 35GHz. A wide range of aircraft programs across DoD are supported including RCS production lot sampling of the FA-18E/F for radar signature specification compliance.		
NASA Wallops Flight Test Facility radars, telemetry and optical, and data-link used to support operations in W-386 and W-72.	The Advanced Dynamic Aircraft Measurement System (ADAMS) provides coherent passive RF signature measurements of dynamic in-flight aircraft. These data products include high PRF Doppler signature, wide band stepped frequency precision down-range profiles and ISAR imagery, and narrow band RCS at up to 80 frequencies simultaneously. The system currently obtains these measurements on a radar pulse-to-pulse basis using 150 MHz through 18 GHz plus 35GHz. A wide range of aircraft programs across DoD are supported including RCS production lot sampling of the FA-18E/F for radar	Aerial targets available for use in W-72 and W-386. Remote operated sea surface targets available for live fire in all operating areas. Mobile plastic ground targets available for targeting only in R-4005, R-6609.	Full-scale ship hulks with full instrumentation suites available for RDT&E or training utilization. Battlefield Voice Simulation System (BVSS) available to simulate opposing force C4I network.

	signature specification compliance.		

3.2.3.5.F.-(DoD196) If the activity/installation manages or controls any sea space used as a range and/or OPAREA for training or testing, identify each unit of designated sea space.
Range or OPAREA (Text)
PAX OPAREA, VACAPES OPAREA

Identify Sea Space (Text)
Restricted Area-4005, R6609, Warning Area-382, Warning Area -72

Characteristics (Open Ocean, Littoral, Pond, etc.) (Text)
) Littoral, Open Ocean

Sea space Function (Text)
4005, Restricted Area -6609 Small surface craft and minor caliber weapons test and training; Warning Area -72, Warning Area -386

NAVY ONLY Navigable Distance from nearest homeport to Entry Point (NM)
19

Is the area Identified asa Military use only? (Yes/No)
(X)Yes
( )No

Identify other restrictions (Text)
weapons only permitted in Restricted Area -4005, Restricted Area -6609

Section : Topography

3.2.3.6.A.-(DoD197) ALL Services: If your activity/installation (e.g. base) manages/is the scheduling activity/controls a range or OPAREA. Identify its terrain type(s) and unique geographic features in the table below.

	Range or OPAREA designation (Text)	Number of Acres (Acres)	Unique Geographic Features (Text)
Tropical	NAWCAD Atlantic Test Range Complex, Inner Range	0	No amplification provided
Desert	NAWCAD Atlantic Test Range Complex, Inner Range	0	No amplification provided
Forested	NAWCAD Atlantic Test Range Complex, Inner	294,630.8	No amplification provided

	Range		
Swamp	NAWCAD Atlantic Test Range Complex, Inner Range	162,586.8	No amplification provided
Rolling Hills	NAWCAD Atlantic Test Range Complex, Inner Range	0	No amplification provided
Mountainous	NAWCAD Atlantic Test Range Complex, Inner Range	0	No amplification provided
Littoral	NAWCAD Atlantic Test Range Complex, Inner Range	712,568.9	No amplification provided
Arctic	NAWCAD Atlantic Test Range Complex, Inner Range	0	No amplification provided
Other	NAWCAD Atlantic Test Range Complex, Inner Range	334,045.9	“Other” is defined here as all areas which within the OPAREA which do not fall into one of the eight categories (Tropical, desert, forested, swamp, rolling hills, mountainous, littoral or artic). Predominately agricultural and urban areas.

Section : General Administration

4.1.1.A.-(DoD478)
N/A

4.1.1.B.-(DoD481)
N/A

4.1.1.C.-(DoD480)
N/A

4.1.1.D.-(DoD482)

N/A

4.1.1.E.-(DoD479)
N/A

Section : Reservists

4.1.2.A.-(DoD627)
N/A

4.1.2.B.-(DoD626)
N/A

4.1.2.C.-(DoD630)
N/A

4.1.2.D.-(DoD629)
N/A

4.1.2.E.-(DoD628)
N/A

Section : Finance and Accounting

4.2.A.-(DoD357)
N/A

4.2.B.-(DoD358)
N/A

4.2.C.-(DoD359)
N/A

4.2.D.-(DoD360)
N/A

4.2.E.-(DoD361)
N/A

4.2.F.-(DoD362)
N/A

4.2.G.-(DoD363)
N/A

4.2.H.-(DoD364)
N/A

4.2.I.-(DoD365)
N/A

4.2.J.-(DoD366)
N/A

4.2.K.-(DoD367)
N/A

4.2.L.-(DoD368)
N/A

4.2.M.-(DoD369)
N/A

4.2.N.-(DoD370)
N/A

4.2.O.-(DoD372)
N/A

4.2.P.-(DoD375)
N/A

4.2.Q.-(DoD378)
N/A

4.2.R.-(DoD381)
N/A

4.2.S.-(DoD384)
N/A

4.2.T.-(DoD386)
N/A

4.2.U.-(DoD387)
N/A

4.2.V.-(DoD388)
N/A

4.2.W.-(DoD347)
N/A

4.2.X.-(DoD348)
N/A

4.2.Y.-(DoD349)
N/A

4.2.Z.-(DoD350)
N/A

4.2.AA.-(DoD351)
N/A

4.2.AB.-(DoD352)
N/A

4.2.AC.-(DoD353)
N/A

4.2.AD.-(DoD354)
N/A

4.2.AE.-(DoD355)
N/A

4.2.AF.-(DoD371)
N/A

4.2.AG.-(DoD373)
N/A

4.2.AH.-(DoD374)
N/A

4.2.AI.-(DoD376)

N/A

4.2.AJ.-(DoD377)
N/A

4.2.AK.-(DoD379)
N/A

4.2.AL.-(DoD380)
N/A

4.2.AM.-(DoD382)
N/A

4.2.AN.-(DoD383)
N/A

4.2.AO.-(DoD385)
N/A

4.2.AP.-(DoD389)
N/A

4.2.AQ.-(DoD390)
N/A

4.2.AR.-(DoD356)
N/A

Section : DFAS

4.2.1.A.-(DoD396)
N/A

4.2.1.B.-(DoD397)
N/A

4.2.1.C.-(DoD398)
N/A

4.2.1.D.-(DoD399)
N/A

4.2.1.E.-(DoD401)
N/A

4.2.1.F.-(DoD402)
N/A

4.2.1.G.-(DoD415)
N/A

4.2.1.H.-(DoD416)
N/A

4.2.1.I.-(DoD417)
N/A

4.2.1.J.-(DoD418)
N/A

4.2.1.K.-(DoD419)
N/A

4.2.1.L.-(DoD420)
N/A

4.2.1.M.-(DoD421)
N/A

4.2.1.N.-(DoD423)
N/A

4.2.1.O.-(DoD425)
N/A

4.2.1.P.-(DoD426)
N/A

4.2.1.Q.-(DoD427)
N/A

4.2.1.R.-(DoD428)
N/A

4.2.1.S.-(DoD429)
N/A

4.2.1.T.-(DoD430)
N/A

4.2.1.U.-(DoD431)
N/A

4.2.1.V.-(DoD432)
N/A

4.2.1.W.-(DoD433)
N/A

4.2.1.X.-(DoD434)
N/A

4.2.1.Y.-(DoD435)
N/A

4.2.1.Z.-(DoD436)
N/A

4.2.1.AA.-(DoD437)
N/A

4.2.1.AB.-(DoD438)
N/A

4.2.1.AC.-(DoD440)
N/A

4.2.1.AD.-(DoD441)
N/A

4.2.1.AE.-(DoD442)
N/A

4.2.1.AF.-(DoD443)
N/A

4.2.1.AG.-(DoD444)

N/A

4.2.1.AH.-(DoD424)
N/A

4.2.1.AI.-(DoD439)
N/A

4.2.1.AJ.-(DoD391)
N/A

4.2.1.AK.-(DoD392)
N/A

4.2.1.AL.-(DoD393)
N/A

4.2.1.AM.-(DoD394)
N/A

4.2.1.AN.-(DoD395)
N/A

4.2.1.AO.-(DoD404)
N/A

4.2.1.AP.-(DoD405)
N/A

4.2.1.AQ.-(DoD406)
N/A

4.2.1.AR.-(DoD407)
N/A

4.2.1.AS.-(DoD408)
N/A

4.2.1.AT.-(DoD409)
N/A

4.2.1.AU.-(DoD410)
N/A

4.2.1.AV.-(DoD412)
N/A

4.2.1.AW.-(DoD413)
N/A

4.2.1.AX.-(DoD414)
N/A

4.2.1.AY.-(DoD403)
N/A

4.2.1.AZ.-(DoD422)
N/A

Section : Infrastructure

4.3.A.-(DoD445)
N/A

4.3.B.-(DoD447)
N/A

4.3.C.-(DoD448)
N/A

4.3.D.-(DoD446)
N/A

Section : Correctional Facilities

4.3.1.A.-(DoD450)
N/A

4.3.1.B.-(DoD451)
N/A

4.3.1.C.-(DoD453)
N/A

4.3.1.D.-(DoD449)
N/A

4.3.1.E.-(DoD452)
N/A

4.3.1.F.-(DoD454)
N/A

Section : Force Protection / Emergency Services

4.3.2.A.-(DoD456)
N/A

4.3.2.B.-(DoD455)
N/A

4.3.2.C.-(DoD457)
N/A

Section : National Command Region

4.4.A.-(DoD464) This question should be answered by all activities in MILDEPs and other DoD entities (including, but not limited to, OSD, DoD Field Activities, the Joint Staff, the DoD IG, and any other stand-alone organizations), and the following DoD Agencies: DARPA, DeCA, DCAA, DCMA, DFAS, DISA, DLSA, DLA, DSCA, DSS, DTRA, MDA, PFPA. How many total USF of leased, administrative space within the DC Area are you approved to occupy as expansion space by year end FY04? (Do NOT include replacement space.) How many total personnel will occupy this space?
USF of expansion space (SF)
0

Total # personnel (Pers)
0

4.4.B.-(DoD465)
N/A

4.4.C.-(DoD466) This question should be answered by all activities in MILDEPs and other DoD entities (including, but not limited to, OSD, DoD Field Activities, the Joint Staff, the DoD IG, and any other stand-alone organizations), and the following DoD Agencies (DARPA, DeCA, DCAA, DCMA, DFAS, DISA, DLSA, DLA, DSCA, DSS, DTRA, MDA, PFPA). How many total USF (Usable Square Feet) of leased space do you occupy within the DC Area? Of that, how many are USF leased administrative space?
USF leased space (SF)
190878

USF leased admin space (SF)
92395

4.4.D.-(DoD467)
N/A

4.4.E.-(DoD468)
N/A

4.4.F.-(DoD469)
N/A

4.4.G.-(DoD471) This question should be answered by all activities in MILDEPs and OSD (as applicable) and the following DoD Agencies: DARPA, DeCA, DCAA, DCMA, DFAS, DISA, DLSA, DLA, DSCA, DSS, DTRA, MDA, PFPA. If your activity occupies leased, administrative space within the DC area (see definition in amplification), does your activity also occupy space within the Pentagon Reservation (see definition in amplification)?
(Yes/No)
( )Yes
(X)No

4.4.H.-(DoD460)
N/A

4.4.I.-(DoD461)
N/A

4.4.J.-(DoD462) This question should be answered by all activities in MILDEPs and other DoD entities (including, but not limited to, OSD, DoD Field Activities, the Joint Staff, the DoD IG, and any other stand-alone organizations), and OSD (as applicable) and the following DoD Agencies: DARPA, DeCA, DCAA, DCMA, DFAS, DISA, DLSA, DLA, DSCA, DSS, DTRA, MDA, PFPA. For EACH building of leased, administrative space that you occupy within the DC Area: what is the building's number (if known from internal database), name, address, DoD Host and USF (Usable Square Feet) assigned to you by your host? And what is the authorized personnel breakdown (authorized and on-board contractors/detailees) per building? Be sure to add up the number of total personnel in the table.

Building Number (if known) (Text)	Building Name (Text)	Actual Street Address (Text)	City (Text)	State (Text)	Zip Code (Text)	Your DoD Host (Text)	USF Assigned to You by Host (SF)
3220	NAVAIR (LR64)	22148 ELMER ROAD	PATUXENT RIVER	MD	20670	NAVFAC	802
3220	NAVAIR (LR64)	22148 ELMER ROAD	PATUXENT RIVER	MD	20670	NAVFAC	9323
3220	NAVAIR (LR64)	22148 ELMER ROAD	PATUXENT RIVER	MD	20670	NAVFAC	1356
3221	NAVAIR (LR65)	21920 NICKLES ROAD	PATUXENT RIVER	MD	20670	NAVFAC	10116
3221	NAVAIR (LR65)	21920 NICKLES ROAD	PATUXENT RIVER	MD	20670	NAVFAC	2782
3221	NAVAIR (LR65)	21920 NICKLES ROAD	PATUXENT RIVER	MD	20670	NAVFAC	605

3221	NAVAIR (LR65)	21920 NICKLES ROAD	PATUXENT RIVER	MD	20670	NAVFAC	472
3250	V-22 OFFICE	22478 CEDAR POINT ROAD	PATUXENT RIVER	MD	20670	NAVFAC	11951
3258	NAVAIR (LR95)	22581 SAUFLEY ROAD	PATUXENT RIVER	MD	20670	NAVFAC	15667
3259	NAVAIR (LR96)	22595 SAUFLEY ROAD	PATUXENT RIVER	MD	20670	NAVFAC	1350
3259	NAVAIR (LR96)	22595 SAUFLEY ROAD	PATUXENT RIVER	MD	20670	NAVFAC	8020
3259	NAVAIR (LR96)	22595 SAUFLEY ROAD	PATUXENT RIVER	MD	20670	NAVFAC	465
3259	NAVAIR (LR96)	22595 SAUFLEY ROAD	PATUXENT RIVER	MD	20670	NAVFAC	4250
CAB1	COST ANALYSIS BUILDING 1	214191 GREAT MILLS ROAD	LEXINGTON PARK	MD	20653	NAVFAC	738
CAB1	COST ANALYSIS BUILDING 1	214191 GREAT MILLS ROAD	LEXINGTON PARK	MD	20653	NAVFAC	5452
CAB1	COST ANALYSIS BUILDING 1	214191 GREAT MILLS ROAD	LEXINGTON PARK	MD	20653	NAVFAC	13722
CAB2	COST ANALYSIS BUILDING 2	21535 PACIFIC DRIVE	LEXINGTON PARK	MD	20653	NAVFAC	2249
CAB2	COST ANALYSIS BUILDING 2	21535 PACIFIC DRIVE	LEXINGTON PARK	MD	20653	NAVFAC	3075
Military Executive (O7 and above) (Pers)	**Military Management (O4-O6) (Pers)**	**Military Other Officers (Pers)**	**Military Enlisted Personnel (Pers)**	**Total Military Personnel (Pers)**	**Civilian Executive (SES positions) (Pers)**	**Civilian Management (GS 12-15) (Pers)**	**Civilian Other Staff (Pers)**
0	0	0	0	0	0	4	0
0	9	0	6	15	0	0	0
0	6	0	6	12	0	0	0
0	5	0	0	5	0	20	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	0
0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	0
0	8	0	0	8	0	56	0
0	0	0	0	0	0	5	0
0	0	0	8	8	0	23	0
0	0	0	0	0	0	2	0
0	14	0	0	14	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	36	8
0	0	0	0	0	0	75	9
0	0	0	0	0	0	15	3
0	0	0	0	0	0	18	0

Total Civilian Personnel (Pers)	On-Board Contractors (Pers)	Other Personnel/Detailees (Pers)	Grand Total # Personnel (Pers)
4	2	0	6
0	44	0	59
0	0	0	12
22	38	2	67
0	19	0	19
2	2	0	4
2	0	2	4
0	80	0	80
56	40	0	104
5	0	5	10
16	8	15	47
2	1	0	3
7	0	14	35
0	5	0	5
44	1	0	45
84	0	0	84
18	0	0	18
18	0	0	18

4.4.K.-(DoD463)
N/A

Section : Personnel Support Services / MWR

4.5.A.-(DoD472)
N/A

4.5.B.-(DoD473)
N/A

4.5.C.-(DoD474)
N/A

4.5.D.-(DoD475)
N/A

4.5.E.-(DoD476)
N/A

4.5.F.-(DoD477)
N/A

Section : Combat Field Support / IMA

5.1.1.A.-(DoD483)
N/A

5.1.1.B.-(DoD484)
N/A

5.1.1.C.-(DoD485)
N/A

5.1.1.D.-(DoD486)
N/A

5.1.1.E.-(DoD487)
N/A

5.1.1.F.-(DoD488)
N/A

5.1.1.G.-(DoD489)
N/A

5.1.1.H.-(DoD490)
N/A

5.1.1.I.-(DoD491)
N/A

5.1.1.J.-(DoD492)
N/A

5.1.1.K.-(DoD493)
N/A

5.1.1.L.-(DoD494) What are the FY01 to FY05 (FY01-FY03 will be end of 4th Qtr actuals and FY04-FY05 will be projections) onboard maintenance manpower (military, civilian and contractor man-year

equivalents (CMEs)) working on Combat Field Support/Intermediate Level maintenance in your organization?

	Total Onboard Manpower (Pers)
FY01	315
FY02	318
FY03	321
FY04	313
FY05	313

5.1.1.M.-(DoD495) What is the FY01 to FY05 (FY01-FY03 will be end of 4th Qtr actuals and FY04-FY05 will be projections) onboard maintenance manpower (military (MIL), civilian (CIV) and contractor man-year equivalents (CMEs)) working on Combat Field Support/Intermediate Level maintenance activities in your organization by commodity group? NOTE: (1) Manpower can only be credited (listed) to one commodity group and (2) the total of (MIL + CIV+ CME by Fiscal Year) of this question must equal the total response for each Fiscal Year in the question entitled: "Total Onboard Maintenance Manpower Working on Combat Field Support/Intermediate Level Maintenance".

	FY01 MIL (Pers)	FY01 CIV (Pers)	FY01 CME (Pers)	FY02 Military (Pers)	FY02 Civilians (Pers)	FY02 CME (Pers)	FY03 Military (Pers)
Aircraft	0	0	0.8	0	0	2	0
Aircraft Components	109	2	39.2	109	2	38	109
Aircraft Engines	22	1	16	23	1	16	22
Ground Vehicles							
Ground Vehicles Components							
Communication/Electronic Equipment	0	0	0	0	0	0	0
Support Equipment (includes calibration)	18	28	2	18	29	2	18
Ordnance, Weapons and Missiles	0			0			0
Software							
Fabrication and Manufacturing	2	0	5	4	0	5	2
Other Commodity	34	12	24	34	11	24	35
	FY03 Civilians (Pers)	**FY03 CME (Pers)**	**FY04 Military (Pers)**	**FY04 Civilian (Pers)**	**FY04 CME (Pers)**	**FY05 Military (Pers)**	**FY05 Civilian (Pers)**
Aircraft	0	1.7	0	0	1.7	1.7	0
Aircraft Components	0	38.3	107	0	35.3	106.3	0
Aircraft Engines	3	16	22	3	16	22	3
Ground Vehicles							
Ground Vehicles Components							
Communication/Electronic Equipment	0	0	0	0	0	0	0

Support Equipment (includes calibration)	19	16	18	19	10	18	19
Ordnance, Weapons and Missiles			0			0	
Software							
Fabrication and Manufacturing	0	5	4	0	6	3	0
Other Commodity	12	24	35	12	24	35	12

	FY05 CME (Pers)
Aircraft	0
Aircraft Components	37
Aircraft Engines	16
Ground Vehicles	
Ground Vehicles Components	
Communication/Electronic Equipment	0
Support Equipment (includes calibration)	10
Ordnance, Weapons and Missiles	
Software	
Fabrication and Manufacturing	6
Other Commodity	24

5.1.1.N.-(DoD496) What is the total FY01, FY02 and FY03 (end of 4th Qtr actuals) amount of work in number of units produced/repaired and in direct labor hours (DLH) by Combat Field Support/Intermediate Level Maintenance commodity group?

	FY01 Units Produced/Repaired (Count/yr)	FY01 DLH (K)	FY02 Units Produced/Repaired (Count/yr)	FY02 DLH (K)	FY03 Units Produced/Repaired (Count/yr)	FY03 DLH (K)
Aircraft	2065	1.5711	6377	4.3563	5262	3.3975
Aircraft Components	35206	114.7643	36222	111.6509	37620	119.2703
Aircraft Engines	3762	23.9188	2922	30.3517	4044	47.9835
Ground Vehicles						
Ground Vehicles Components						
Communication/Electronic Equipment	0	0	0	0	0	0

Support Equipment (includes calibration)	13614	43.617	12345	39.4525	13812	50.9219
Ordnance, Weapons and Missiles						
Software						
Fabrication and Manufacturing	244	1.6293	1151	2.3476	1594	3.2212
Other Commodity						

5.1.1.O.-(DoD497) For each year FY01, FY02 and FY03 (end of 4th Qtr actuals), what is the maximum monthly peak workload for that year in direct labor hours (DLHs) and the associated number of units produced/repaired by Combat Field Support/Intermediate Level Maintenance commodity group? State if there is a reason for this maximum monthly peak (yes/No) and, if yes, explain.

	FY01 Maximum Monthly Peak (DLH (K))	FY01 Max Monthly Peak Units Produced/Repaired (Count/mo)	FY01 Is there a reason for monthly peak? (Yes/No)	FY01 If yes, explain (Text)	FY02 Maximum Monthly Peak (DLH (K))	FY02 Max Monthly Peak Units Produced/Repaired (Count/mo)	FY02 Is there a reason for monthly peak? (Yes/No)
Aircraft	0.6502	817	( )Yes (X)No		0.7589	440	( )Yes (X)No
Aircraft Components	10.4031	3197	( )Yes (X)No		13.465	3676	( )Yes (X)No
Aircraft Engines	2.1876	295	( )Yes (X)No		3.8569	324	( )Yes (X)No
Ground Vehicles			( )Yes ( )No				( )Yes ( )No
Ground Vehicles Components			( )Yes ( )No				( )Yes ( )No
Communication/Electronic Equipment	0	0	( )Yes (X)No		0	0	( )Yes (X)No
Support Equipment (includes calibration)	4.0483	1178	( )Yes (X)No		3.2877	1159	( )Yes (X)No
Ordnance, Weapons and Missiles			( )Yes ( )No				( )Yes ( )No
Software			( )Yes ( )No				( )Yes ( )No
Fabrication and Manufacturing	0.3223	103	( )Yes (X)No		0.5064	113	( )Yes (X)No
Other Commodity			( )Yes ( )No				( )Yes ( )No
	FY02 If yes, explain (Text)	FY03 Maximum Monthly Peak (DLH	FY03 Max Monthly Peak Units Produced/Repaired	FY03 Is there a reason for monthly peak?	FY03 If yes, explain (Text)		

		(K))	(Count/mo)	(Yes/No)	
Aircraft		0.6321	1498	( )Yes (X)No	
Aircraft Components		14.0404	3802	( )Yes (X)No	
Aircraft Engines		5.2597	463	( )Yes (X)No	
Ground Vehicles				( )Yes ( )No	
Ground Vehicles Components				( )Yes ( )No	
Communication/Electronic Equipment		0	0	( )Yes (X)No	
Support Equipment (includes calibration)		4.2435	1393	( )Yes (X)No	
Ordnance, Weapons and Missiles				( )Yes ( )No	
Software				( )Yes ( )No	
Fabrication and Manufacturing		.577	221	( )Yes (X)No	
Other Commodity				( )Yes ( )No	

5.1.1.P.-(DoD498) Of the total amount of work for FY01, FY02 and FY03 (end of 4th Qtr actuals), what portion of work (in direct labor hours (DLH)) is produced/repaired by Intermediate Level Maintenance commodity group for other maintenance activities/supply NOT assigned to your organization (e.g., another wing/unit)?

	FY01 DLH (K)	FY02 DLH (K)	FY03 DLH (K)
Aircraft			
Aircraft Components	4.1328	3.6507	5.5793
Aircraft Engines	3.48	9.4259	12.291
Ground Vehicles			
Ground Vehicles Components			
Communication/Electronic Equipment	0	0	0
Support Equipment (includes calibration)	0.5673	0.4701	0.6763
Ordnance, Weapons and Missiles			

Software			
Fabrication and Manufacturing	0.0055	0.0017	0.0628
Other Commodity			

5.1.1.Q.-(DoD499)
N/A

5.1.1.R.-(DoD500) What is the total number of customers/organizational units (at Squadron/Battalion level) supported by Intermediate Level Maintenance type work that are not physically located on your installation, by distance? And what are the Direct Labor Hours (DLHs) associated with this level of support?
Total Number of Customers supported (Count)
23

Number of Customers<50 miles away (Count)
1

Direct Labor Hours of Customer Support (DLH (K))
0.652

Number of Customers>50 <100 miles away (Count)
5

Direct Labor Hours of Customer Support (DLH (K))
10.7049

Number of Customers>100 miles away (Count)
17

Direct Labor Hours of Customer Support (DLH (K))
18.5571

Section : Depot Level Maintenance

5.1.2.A.-(DoD501)
N/A

5.1.2.B.-(DoD502)
N/A

5.1.2.C.-(DoD503)

N/A

5.1.2.D.-(DoD504)
N/A

5.1.2.E.-(DoD506)
N/A

5.1.2.F.-(DoD507)
N/A

5.1.2.G.-(DoD508)
N/A

5.1.2.H.-(DoD509)
N/A

5.1.2.I.-(DoD510)
N/A

5.1.2.J.-(DoD511)
N/A

5.1.2.K.-(DoD505)
N/A

Section : Armaments Production

5.2.1.A.-(DoD512) FOIA (b) (2)

5.2.1.B.-(DoD513) FOIA (b) (2)

5.2.1.C.-(DoD514) FOIA (b) (2)

5.2.1.D.-(DoD515) FOIA (b) (2)

Section : Explosives and Inert Storage

5.2.2.A.-(DoD517) FOIA (b) (2)

Section : Munitions Demilitarization

5.2.3.A.-(DoD518)
N/A

5.2.3.B.-(DoD519)
N/A

Section : Munitions Production Capacity

5.2.4.A.-(DoD520) FOIA (b) (2)

5.2.4.B.-(DoD521) FOIA (b) (2)

Section : Capacity

5.3.1.A.-(DoD522)
N/A

5.3.1.B.-(DoD523)
N/A

5.3.1.C.-(DoD524)
N/A

5.3.1.D.-(DoD525)
N/A

Section : SUPSHIP

5.3.2.A.-(DoD631)
N/A

Section : Workload

5.3.3.A.-(DoD526)
N/A

Section : Education

6.1.A.-(DoD540)
N/A

6.1.B.-(DoD537)
N/A

Section : Enrollment

6.2.1.A.-(DoD542)
N/A

6.2.1.B.-(DoD543)
N/A

Section : Manpower

6.2.2.A.-(DoD544)
N/A

Section : Workload

6.2.3.A.-(DoD545)
N/A

6.2.3.B.-(DoD546)
N/A

6.2.3.C.-(DoD533)
N/A

6.2.3.D.-(DoD547)
N/A

6.2.3.E.-(DoD548)
N/A

6.2.3.F.-(DoD534)
N/A

6.2.3.G.-(DoD550)
N/A

6.2.3.H.-(DoD551)
N/A

6.2.3.I.-(DoD552)
N/A

6.2.3.J.-(DoD553)
N/A

6.2.3.K.-(DoD549)
N/A

6.2.3.L.-(DoD538)
N/A

6.2.3.M.-(DoD539)
N/A

6.2.3.N.-(DoD536)
N/A

6.2.3.O.-(DoD535)
N/A

6.2.3.P.-(DoD541)
N/A

Section : Research Development and Acquisition

6.3.A.-(DoD554)
N/A

6.3.B.-(DoD555)
N/A

6.3.C.-(DoD556)
N/A

6.3.D.-(DoD557)
N/A

Section : General

7.1.A.-(DoD646)
N/A

7.1.B.-(DoD647)
N/A

7.1.C.-(DoD648)
N/A

7.1.D.-(DoD649)
N/A

7.1.E.-(DoD650)
N/A

7.1.F.-(DoD651)
N/A

7.1.G.-(DoD652)
N/A

7.1.H.-(DoD653)
N/A

7.1.I.-(DoD654)
N/A

7.1.J.-(DoD655)
N/A

7.1.K.-(DoD656)
N/A

7.1.L.-(DoD659)
N/A

7.1.M.-(DoD657)

N/A

7.1.N.-(DoD658)
N/A

7.1.O.-(DoD752)
N/A

7.1.P.-(DoD753)
N/A

Section : Contracting

7.2.A.-(DoD642)
N/A

7.2.B.-(DoD643)
N/A

Section : Stock Control

7.3.A.-(DoD678)
N/A

7.3.B.-(DoD679)
N/A

7.3.C.-(DoD680)
N/A

7.3.D.-(DoD682)
N/A

7.3.E.-(DoD681)
N/A

Section : Material Management

7.4.A.-(DoD664)
N/A

7.4.B.-(DoD666)
N/A

7.4.C.-(DoD667)
N/A

7.4.D.-(DoD665)
N/A

Section : Distribution

7.5.A.-(DoD645)
N/A

7.5.B.-(DoD644)
N/A

Section : Reutilization and Disposal

7.6.A.-(DoD677)
N/A

Section : Receiving

7.7.A.-(DoD668)
N/A

7.7.B.-(DoD671)
N/A

7.7.C.-(DoD672)
N/A

7.7.D.-(DoD673)
N/A

7.7.E.-(DoD675)
N/A

7.7.F.-(DoD669)
N/A

7.7.G.-(DoD670)
N/A

7.7.H.-(DoD674)
N/A

7.7.I.-(DoD676)
N/A

Section : Warehousing

7.8.A.-(DoD683)
N/A

7.8.B.-(DoD684)
N/A

7.8.C.-(DoD685)
N/A

Section : Issuing

7.9.A.-(DoD660)
N/A

7.9.B.-(DoD661)
N/A

7.9.C.-(DoD662)
N/A

7.9.D.-(DoD663)
N/A

Section : Budgeting

7.10.A.-(DoD640)

N/A

7.10.B.-(DoD641)
N/A

Section : Capability Areas

8.1.A.-(DoD686) FOIA (b) (2)

8.1.B.-(DoD687) FOIA (b) (2)

8.1.C.-(DoD688) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. Enter "yes" in appropriate column(s) to identify Technical Capability Areas (a) that are supported within your location's mission (i.e., for which your location receives programmed funds or has programmed Full Time Equivalents (FTEs)), (b) in which direct mission-funded or reimbursable work was performed in FY01 or FY02 or FY03, or (c) that your location possesses capability to support.

	Within Mission (Yes/No)	FY03 Work Conducted (Yes/No)	FY02 Work Conducted (Yes/No)	FY01 Work Conducted (Yes/No)	Possess Capability (Yes/No)
Air Platforms (Air Combat)	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Chemical & Biological Defense	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Information Systems Technology (C4ISR)	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Ground Vehicles (Land Combat)	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Sea Vehicles (Sea Combat)	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Materials & Processes	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Biomedical	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Sensors, Electronics, and Electronic Warfare (Electron Combat)	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Space Platforms (Space Combat & Ballistic Missiles	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Human Systems	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Weapons (Munitions & Armaments plus	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No

Directed Energy)					
Nuclear Technology	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No
Battlespace Environments	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No	(X)Yes ( )No

8.1.D.-(DoD689) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. List the total number of ACAT I, II, III and IV Programs your location administers.

	# ACAT I Programs in FY03 (Count)	# ACAT II Programs in FY03 (Count)	# ACAT III Programs in FY03 (Count)	# ACAT IV Programs in FY03 (Count)	# ACAT I Programs in FY02 (Count)	# ACAT II Programs in FY02 (Count)	# ACAT III Programs in FY02 (Count)
Air Platforms (Air Combat)	15	10	3	26	15	10	3
Chemical & Biological Defense							
Information Systems Technology (C4ISR)		1	3	1		1	3
Ground Vehicles (Land Combat)				1			
Sea Vehicles (Sea Combat)		1		2		1	
Materials & Processes							
Biomedical							
Sensors, Electronics, and Electronic Warfare (Electron Combat)	3	7	10	10	3	7	10
Space Platforms (Space Combat & Ballistic Missiles)							
Human Systems			2	3			2
Weapons (Munitions & Armaments plus Directed Energy)	3		1		3		1
Nuclear Technology							
Battlespace Environments							
Total	21	19	19	43	21	19	19

	# ACAT IV Programs in FY02 (Count)	# ACAT I Programs in FY01 (Count)	# ACAT II Programs in FY01 (Count)	# ACAT III Programs in FY01 (Count)	# ACAT IV Programs in FY01 (Count)
Air Platforms (Air Combat)	26	14	9	3	24

Chemical & Biological Defense					
Information Systems Technology (C4ISR)	1		1	2	1
Ground Vehicles (Land Combat)	1				1
Sea Vehicles (Sea Combat)	2		1		2
Materials & Processes					
Biomedical					
Sensors, Electronics, and Electronic Warfare (Electron Combat)	10	2	7	9	10
Space Platforms (Space Combat & Ballistic Missiles)					
Human Systems	2			2	2
Weapons (Munitions & Armaments plus Directed Energy)		3			
Nuclear Technology					
Battlespace Environments					
Total	42	19	18	16	40

Section : Personnel

8.2.A.-(DoD690) Provide the total number of Government employees (military & civilian) and other personnel engaged in RDTE&A activities at your location in FY03, broken out by highest academic degree level attained.

	Civilian (Pers)	Military (Pers)	Other (Pers)
High School (diploma and less)	1319	638	46
Associate	225	168	1310
Bachelor	2050	339	1970
Masters	842	48	
Doctorate & higher (include MD/DVM/etc)	88	1	

8.2.B.-(DoD691) List the number of civilians performing RDTE&A functions in FY03 that are certified in accordance with the Defense Acquisition Workforce Improvement Act (DAWIA).

	Cert Level I (Pers)	Cert Level II (Pers)	Cert Level III (Pers)	Total (Pers)
Acquisition Logistics	32	59	179	270
Auditing	0	0	0	0
Business, Cost Estimating & Financial Management	61	114	117	292
Contracting	2	35	72	109
Facilities Engineering	0	0	0	0
Industrial and/or Contract Property Management	0	0	0	0
Information Technology	1	9	17	27
Production, Quality and Manufacturing	3	4	6	13
Purchasing & Procurement Technician	0	0	4	4
Program Management	9	8	64	81
Systems Planning, RD&E--Science & Technology Manager	0	0	0	0
Systems Planning, RD&E--Systems Engineering	114	174	893	1181
Test & Evaluation	60	127	443	630
Total	282	530	1795	2607

8.2.C.-(DoD692) List the number of military staff performing RDTE&A functions in FY03 that are certified in accordance with the Defense Acquisition Workforce Improvement Act (DAWIA).

	Cert Level I (Pers)	Cert Level II (Pers)	Cert Level III (Pers)	Total (Pers)
Acquisition Logistics	1		2	3
Auditing	0	0	0	0
Business, Cost Estimating & Financial Management	1	0	00	1
Contracting	0	0	0	0
Facilities Engineering	0	0	0	0
Industrial and/or Contract Property Management	0	0	0	0

Information Technology	3	1	0	4
Production, Quality and Manufacturing	0	0	1	1
Purchasing & Procurement Technician	0	0	0	0
Program Management	9	8	7	24
Systems Planning, RD&E--Science & Technology Manager	0	0	0	0
Systems Planning, RD&E--Systems Engineering	6	7	3	16
Test & Evaluation	5	12	17	34
Total	25	28	30	83

Section : Workload

8.3.A.-(DoD693) Answer this question if Air Platform Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Air Platforms - includes efforts devoted to manned and unmanned air vehicles to provide the warfighter: Fixed-Wing Vehicles, Rotary-Wing Vehicles, Turbine Engine Technology, aircraft power, and High-Speed Propulsion. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	135.7	14.7	15.0	156.3	11.4	28.0	143.1
Biological Science Group (all 400)							0.1
Medical Group (all 600s)	0.1						0.1
Engineering Group (all 800s)	116.5		13.3	134.4		24.4	112.1
Contracting (1102)	5.2			5.3			8.1
Copyright, Patent & Trademark Group (all 1200s)	0.1			0.1			0.1
Physical Science Group (all 1300s)	2.8			5.3		0.6	3.5

Mathematics & Statistics Group (all 1500s)	9.5		1.0	9.6		1.4	14.3
A (Administrative, all)	29.3		14.2	28.1		14.4	39.5
Administration & Program (301)	0.8		8.7	1		8.6	1.2
Program Management (340)	1.9		0.3	1.2		0.2	1
Acquisition Logistics (346)	1.2			0.7			1.8
Financial Management (500s)	4.6		0.3	5.0		0.5	6.2
Business & Industry (1101, Grades 11-15)	0.2			0.3			0.3
Information Technology Group (all 2200)	1.6		4.8	1.4		4.9	5.3
T (Technical, all)	18.6	64	11.0	19	50.5	14.0	25.4
S&E technicians (all 400s, 800s, 1300s, 1500s)	16.5		10.6	16.9		13.6	21.8
C (Clerical, all)	2.7		1.9	2.8		2.5	4.3
O (Others, all)	0.2			0.2			0.4
B (Blue Collar, all)	2.7		0.3	1.1			3.6
Total FTE (PATCOB, total)	189.2	78.6	42.4	207.5	61.9	59.0	216.4

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional all)	22.9	39.5	143.1	22.9	39.5
Biological Science Group (all 400)			0.1		
Medical Group (all 600s)			0.1		
Engineering Group (all 800s)		39.4	112.1		39.4
Contracting (1102)			8.1		
Copyright, Patent & Trademark Group (all 1200s)			0.1		

Physical Science Group (all 1300s)			3.5		
Mathematics & Statistics Group (all 1500s)			14.3		
A (Administrative, all)		20.1	39.5		20.1
Administration & Program (301)		11.4	1.2		11.4
Program Management (340)		0.1	1		0.1
Acquisition Logistics (346)			1.8		
Financial Management (500s)		1.6	6.2		1.6
Business & Industry (1101, Grades 11-15)			0.3		
Information Technology Group (all 2200)		6.4	5.3		6.4
T (Technical, all)	68.5	56.1	25.4	68.5	56.1
S&E technicians (all 400s, 800s, 1300s, 1500s)		51.8	21.8		51.8
C (Clerical, all)		1.6	4.3		1.6
O (Others, all)			0.4		
B (Blue Collar, all)			3.6		
Total FTE (PATCOB, total)	91.4	117.3	216.4	91.4	117.3

8.3.B.-(DoD694) Answer this question if Air Platform Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Air Platforms - includes efforts devoted to manned and unmanned air vehicles to provide the warfighter: Fixed-Wing Vehicles, Rotary-Wing Vehicles, Turbine Engine Technology, aircraft power, and High-Speed Propulsion. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	495.3	149.0	220.8	530.4	163.0	247.8	584.5

Biological Science Group (all 400s)	0.1						0.6
Medical Group (all 600s)	0.3			0.3			0.4
Engineering Group (all 800s)	402.2		220.6	423.0		243.6	461.7
Contracting (1102)	29.9			32.1			34.4
Copyright, Patent & Trademark Group (all 1200s)	0.3			0.3			0.3
Physical Science Group (all 1300s)	4.4		0.1	6.4		0.8	8.2
Mathematics & Statistics Group (all 1500s)	48.7			58.3		0.1	54.1
A (Administrative, all)	160.1		107.8	169.3		110.5	173.0
Administration & Program (301)	7.0		51.1	6.8		52.6	8.0
Program Management (340)	7.6		11.6	5.3		9.7	4.9
Acquisition Logistics (346)	5.0			3.6			8.0
Financial Management (all 500s)	26.5		16.8	30.2		18.1	26.1
Business & Industry (1101, Grades 11-15)	1.1			1.6			1.4
Information Technology Group (all 2200s)	13.3		28.0	14.5		29.5	21.2
T (Technical, all)	194.5	387.4	926.7	224.5	466.5	971.3	227.0
S&E technicians (all 400s, 800s, 1300s, 1500s)	176.1		850.2	204.8		891.7	209.4
C (Clerical, all)	25.5		21.9	28.9		23.8	26.3
O (Others, all)	3.0			4.8			3.7
B (Blue Collar, all)	103.8		13.8	108.3		8.1	79.8
Total FTE (PATCOB, total)	982.6	536.4	1291.0	1066.6	629.5	1361.5	1094.6
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov**	**Peak Year Military**	**Peak Year Other**		

			(Pers)	(Pers)	(Pers)
P (Professional, all)	172.3	219.5	584.5	172.3	219.5
Biological Science Group (all 400s)			0.6		
Medical Group (all 600s)			0.4		
Engineering Group (all 800s)		218.3	461.7		218.3
Contracting (1102)			34.4		
Copyright, Patent & Trademark Group (all 1200s)			0.3		
Physical Science Group (all 1300s)		0.4	8.2		0.4
Mathematics & Statistics Group (all 1500s)			54.1		
A (Administrative, all)		102.4	173.0		102.4
Administration & Program (301)		48.2	8.0		48.2
Program Management (340)		9.5	4.9		9.5
Acquisition Logistics (346)		0.4	8.0		0.4
Financial Management (all 500s)		16.7	26.1		16.7
Business & Industry (1101, Grades 11-15)			1.4		
Information Technology Group (all 2200s)		27.1	21.2		27.1
T (Technical, all)	535.8	912.6	227.0	535.8	912.6
S&E technicians (all 400s, 800s, 1300s, 1500s)		835.0	209.4		835.0
C (Clerical, all)		18.2	26.3		18.2
O (Others, all)			3.7		
B (Blue Collar, all)		10.3	79.8		10.3
Total FTE (PATCOB, total)	708.0	1262.9	1094.6	708.0	1262.9

8.3.C.-(DoD695) Answer this question if Air Platform Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Air Platforms - includes efforts devoted to manned and unmanned air vehicles to provide the warfighter: Fixed-Wing Vehicles, Rotary-Wing Vehicles, Turbine Engine Technology, aircraft power, and High-Speed Propulsion. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	649.7	13.6	231.1	713.2	18.0	278.2	784.9
Biological Science Group (all 400s)	0.3			0.6			1.2
Medical Group (all 600s)	1.0			1.2			0.5
Engineering Group (all 800s)	533.9		116.3	571.2		145.0	615.3
Contracting (1102)	22.8			24.7			31.8
Copyright, Patent & Trademark Group (all 1200s)	0.2			0.2			0.3
Physical Science Group (all 1300s)	8.7		0.3	16.0		3.4	18.9
Mathematics & Statistics Group (all 1500s)	74.1		11.0	89.5		5.5	90.9
A (Administrative, all)	248.7		125.6	388.3		121.3	433.1
Administration & Program (301)	2.6		38.0	2.9		40.3	4.1
Program Management (340)	20.1		9.5	28.1		10.5	36.2
Acquisition Logistics (346)	117.1		53.7	217.1		43.7	225.2
Financial Management (all 500s)	20.3		0.6	23.4		1.7	24.7
Business & Industry (1101, Grades 11-15)	8.3			11.6			10.3
Information Technology Group (all 2200s)	11.5		22.4	16.1		23.1	27.5

T (Technical, all)	63.0	64.1	64.1	72.4	45.6	37.8	117.8
S&E technicians (all 400s, 800s, 1300s, 1500s)	53.9		51.1	61.4		29.5	104.7
C (Clerical, all)	9.8		6.5	14.1		7.0	15.9
O (Others, all)	0.6			0.6			0.9
B (Blue Collar, all)	4.2		0.2	3.0			4.3
Total FTE (PATCOB, total)	976.3	77.8	427.5	1191.8	63.6	444.4	1357.1

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	30.7	301.3	784.9	30.7	301.3
Biological Science Group (all 400s)			1.2		
Medical Group (all 600s)			0.5		
Engineering Group (all 800s)		167.0	615.3		167.0
Contracting (1102)			31.8		
Copyright, Patent & Trademark Group (all 1200s)			0.3		
Physical Science Group (all 1300s)		0.5	18.9		0.5
Mathematics & Statistics Group (all 1500s)		22.1	90.9		22.1
A (Administrative, all)		118.1	433.1		118.1
Administration & Program (301)		44.4	4.1		44.4
Program Management (340)		11.2	36.2		11.2
Acquisition Logistics (346)		30.6	225.2		30.6
Financial Management (all 500s)		1.5	24.7		1.5
Business & Industry (1101, Grades 11-15)			10.3		
Information Technology		27.4	27.5		27.4

Group (all 2200s)					
T (Technical, all)	82.1	62.1	117.8	82.1	62.1
S&E technicians (all 400s, 800s, 1300s, 1500s)		51.1	104.7		51.1
C (Clerical, all)		3.7	15.9		3.7
O (Others, all)			0.9		
B (Blue Collar, all)			4.3		
Total FTE (PATCOB, total)	112.7	485.2	1357.1	112.7	485.2

8.3.D.-(DoD696) Answer this question if Chemical & Biologocal Defense Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Chemical & Biological Defense technology - development of technology to counter the threat of CB weapons and to ensure the safety and mission effectiveness of U.S. forces operating within a contaminated environment with minimal impact on logistics. CB Decontamination, CB Modeling & Simulation, CB Detection, CB Protection, Medical Chemical Defense, Medical Biological Defense. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	1.8	0.1	0.4	1.4		0.1	0.6
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)	1.5		0.2	1.3		0.1	0.5
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.3		0.1				
Mathematics & Statistics Group (all 1500s)							
A (Administrative, all)	0.4		0.1	0.1			0.1
Administration & Program (301)			0.1				
Program	0.1						

Management (340)							
Acquisition Logistics (346)							
Financial Management (500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)							
T (Technical, all)	0.2		0.1	0.2			0.1
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.2		0.1	0.2			0.1
C (Clerical, all)							
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	2.4	0.1	0.6	1.7		0.2	0.8

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional all)			0.6		
Biological Science Group (all 400)					
Medical Group (all 600s)					
Engineering Group (all 800s)			0.5		
Contracting (1102)					
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics & Statistics Group (all 1500s)					
A (Administrative, all)		0.1	0.1		0.1
Administration &		0.1			0.1

Program (301)					
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (500s)					
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200)					
T (Technical, all)			0.1		
S&E technicians (all 400s, 800s, 1300s, 1500s)			0.1		
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)		0.1	0.8		0.1

8.3.E.-(DoD697) Answer this question if Chemical & Biologocal Defense Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Chemical & Biological Defense technology - development of technology to counter the threat of CB weapons and to ensure the safety and mission effectiveness of U.S. forces operating within a contaminated environment with minimal impact on logistics. CB Decontamination, CB Modeling & Simulation, CB Detection, CB Protection, Medical Chemical Defense, Medical Biological Defense. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	2.4	0.1	0.7	1.8		4.7	2.5
Biological Science Group (all 400s)							0.1
Medical Group (all 600s)							
Engineering Group (all 800s)	1.9		0.5	1.6		4.5	1.6

Contracting (1102)	0.2			0.1			0.2
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.2					0.1	0.2
Mathematics & Statistics Group (all 1500s)	0.1						0.1
A (Administrative, all)	1.0		0.5	0.5		1.3	0.8
Administration & Program (301)			0.3			0.2	
Program Management (340)	0.1					1.0	
Acquisition Logistics (346)	0.1						
Financial Management (all 500s)	0.2			0.1			0.1
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)	0.1		0.2			0.1	0.1
T (Technical, all)	0.4	0.1	0.1	0.2	0.1	1.0	0.5
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.3		0.1	0.2		0.1	0.5
C (Clerical, all)	0.1			0.1		0.3	0.1
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	3.9	0.2	1.3	2.5	0.1	7.2	3.9

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	0.1	0.2	2.5	0.1	0.2
Biological Science Group (all 400s)			0.1		
Medical Group (all 600s)					

Engineering Group (all 800s)		0.1	1.6		0.1
Contracting (1102)					
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.2		
Mathematics & Statistics Group (all 1500s)			0.1		
A (Administrative, all)		0.3	0.8		0.3
Administration & Program (301)		0.2			0.2
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (all 500s)			0.1		
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.1	0.1		0.1
T (Technical, all)			0.5		
S&E technicians (all 400s, 800s, 1300s, 1500s)			0.5		
C (Clerical, all)			0.1		
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.1	0.6	3.9	0.1	0.6

8.3.F.-(DoD698) Answer this question if Chemical & Biologocal Defense Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Chemical & Biological Defense technology - development of technology to counter the threat of CB weapons and to ensure the safety and mission effectiveness of U.S. forces operating within a

contaminated environment with minimal impact on logistics. CB Decontamination, CB Modeling & Simulation, CB Detection, CB Protection, Medical Chemical Defense, Medical Biological Defense. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	5.2	0.2	1.6	3.2	0.1	2.5	6.1
Biological Science Group (all 400s)							0.1
Medical Group (all 600s)							
Engineering Group (all 800s)	3.9		1.1	3.1		2.2	4.4
Contracting (1102)	0.1			0.1			0.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.9		0.2			0.1	0.5
Mathematics & Statistics Group (all 1500s)	0.1						0.3
A (Administrative, all)	9.5		0.4	0.4		0.6	8.8
Administration & Program (301)			0.2			0.1	
Program Management (340)	0.3					0.4	0.1
Acquisition Logistics (346)	7.7						7.7
Financial Management (all 500s)	0.1			0.1			0.1
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)	0.2		0.1			0.1	
T (Technical, all)	0.8	0.1	0.3	0.1		0.5	0.2
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.8		0.2			0.1	1.2
C (Clerical, all)			0.1	0.1		0.1	1.1
O (Others, all)							
B (Blue Collar, all)							

Total FTE (PATCOB, total)	15.6	0.3	2.3	3.7	0.1	3.7	16.1
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional, all)	0.1	0.5	6.1	0.1	0.5		
Biological Science Group (all 400s)			0.1				
Medical Group (all 600s)							
Engineering Group (all 800s)		0.2	4.4		0.2		
Contracting (1102)			0.1				
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)		0.1	0.5		0.1		
Mathematics & Statistics Group (all 1500s)			0.3				
A (Administrative, all)		1.5	8.8		1.5		
Administration & Program (301)		0.2			0.2		
Program Management (340)			0.1				
Acquisition Logistics (346)		1.2	7.7		1.2		
Financial Management (all 500s)			0.1				
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)		0.1			0.1		
T (Technical, all)		0.1	0.2		0.1		
S&E technicians (all 400s, 800s, 1300s, 1500s)		0.1	1.2		0.1		
C (Clerical, all)			1.1				
O (Others, all)							

B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.1	2.1	16.1	0.1	2.1

8.3.G.-(DoD699) Answer this question if Information Systems Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Information Systems – Knowledge and Management, Information Security, Communications and Networking, Modeling and Simulation Technology, Computing and Software Technology. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	14.4	0.1	12.0	15.6	0.2	9.0	18.3
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)	10.0		11.8	11.3		8.7	14.7
Contracting (1102)	0.4			0.3			0.3
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							0.1
Mathematics & Statistics Group (all 1500s)	3.8		0.3	3.9		0.3	2.9
A (Administrative, all)	2.2		2.3	1.8		1.6	2.7
Administration & Program (301)	0.2		0.8			0.6	0.1
Program Management (340)	0.1		0.4	0.1		0.2	0.2
Acquisition Logistics (346)							0.1
Financial Management (500s)	0.3		0.6	0.3		0.5	0.3
Business & Industry (1101, Grades 11-15)							0.0
Information	0.4		0.3	0.4		0.3	0.7

Technology Group (all 2200)							
T (Technical, all)	0.5	0.4	6.8	0.4	0.1	4.7	3.2
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.3		6.8	0.3		4.7	3.1
C (Clerical, all)	0.1		0.6	0.1		0.5	0.2
O (Others, all)							
B (Blue Collar, all)			0.6			0.3	0.3
Total FTE (PATCOB, total)	17.3	0.5	22.3	18.0	0.3	16.2	24.9

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional all)	0.2	5.8	18.3		5.8
Biological Science Group (all 400)					
Medical Group (all 600s)					
Engineering Group (all 800s)		5.8	14.7		5.8
Contracting (1102)			0.3		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.1		
Mathematics & Statistics Group (all 1500s)			2.9		
A (Administrative, all)		1.0	2.7		1.0
Administration & Program (301)		0.5	0.1		0.5
Program Management (340)			0.2		
Acquisition Logistics (346)			0.1		
Financial Management (500s)		0.3	0.3		0.3
Business & Industry			0.0		

(1101, Grades 11-15)					
Information Technology Group (all 2200)		0.3	0.7		0.3
T (Technical, all)	0.1	2.2	3.2	0.1	2.2
S&E technicians (all 400s, 800s, 1300s, 1500s)		1.9	3.1		1.9
C (Clerical, all)		0.3	0.2		0.3
O (Others, all)					
B (Blue Collar, all)			0.3		
Total FTE (PATCOB, total)	0.3	9.2	24.9	0.3	9.2

8.3.H.-(DoD700) Answer this question if Information Systems Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Information Systems – Knowledge and Management, Information Security, Communications and Networking, Modeling and Simulation Technology, Computing and Software Technology. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	30.5	6.8	24.9	38.5	7.2	34.9	30.5
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	22.8		24.9	28.7		34.9	21.4
Contracting (1102)	2.1			1.9			1.4
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.1						0.1
Mathematics & Statistics Group (all 1500s)	4.8			7.4			6.4

A (Administrative, all)	10.5		8.7	10.0		8.4	9.1
Administration & Program (301)	0.9		3.8	1.2		3.3	0.7
Program Management (340)	0.3		1.3	0.2		1.0	0.4
Acquisition Logistics (346)	0.2			0.2			0.3
Financial Management (all 500s)	1.9		1.3	1.8		2.1	1.1
Business & Industry (1101, Grades 11-15)	0.1			0.1			0.1
Information Technology Group (all 2200s)	0.6		1.9	0.6		1.7	1.5
T (Technical, all)	4.1	8.6	25.8	4.5	9.8	27.2	11.8
S&E technicians (all 400s, 800s, 1300s, 1500s)	3.3		24.3	3.7		26.1	10.8
C (Clerical, all)	0.9		1.5	0.9		2.2	1.3
O (Others, all)							0.3
B (Blue Collar, all)	0.1		1.3	0.1		0.9	3.9
Total FTE (PATCOB, total)	46.0	15.4	62.2	54.0	17.0	73.7	56.9

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	0.2	26.4	30.5	0.2	26.4
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)		26.4	21.4		26.4
Contracting (1102)			1.4		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.1		
Mathematics &			6.4		

Statistics Group (all 1500s)					
A (Administrative, all)		5.6	9.1		5.6
Administration & Program (301)		2.0	0.7		2.0
Program Management (340)		0.3	0.4		0.3
Acquisition Logistics (346)			0.3		
Financial Management (all 500s)		2.2	1.1		2.2
Business & Industry (1101, Grades 11-15)			0.1		
Information Technology Group (all 2200s)		1.1	1.5		1.1
T (Technical, all)	0.3	15.9	11.8	0.3	15.9
S&E technicians (all 400s, 800s, 1300s, 1500s)		15.5	10.8		15.5
C (Clerical, all)		2.3	1.3		2.3
O (Others, all)			0.3		
B (Blue Collar, all)			3.9		
Total FTE (PATCOB, total)	0.5	50.1	56.9	0.5	50.1

8.3.I.-(DoD701) Answer this question if Information Systems Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Information Systems – Knowledge and Management, Information Security, Communications and Networking, Modeling and Simulation Technology, Computing and Software Technology. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	33.2	3.7	32.4	32.3	0.6	17.7	32.6
Biological Science Group (all 400s)	0.1						
Medical Group (all 600s)							
Engineering Group (all 800s)	24.6		32.0	24.1		17.4	22.4

Contracting (1102)	1.6			1.4			1.3
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.2			0.1			0.2
Mathematics & Statistics Group (all 1500s)	5.7		0.4	6.2		0.3	7.8
A (Administrative, all)	12.6		14.6	11.4		9.9	7.8
Administration & Program (301)	0.4		4.7	0.2		3.9	0.2
Program Management (340)	0.9		7.6	0.7		4.1	0.2
Acquisition Logistics (346)	0.2			0.1			0.3
Financial Management (all 500s)	1.4		0.5	1.3		0.2	1.0
Business & Industry (1101, Grades 11-15)	1.8			1.8			1.0
Information Technology Group (all 2200s)	2.1		1.5	2.5		1.3	1.4
T (Technical, all)	4.3	5.2	37.9	5.1	0.6	26.2	4.8
S&E technicians (all 400s, 800s, 1300s, 1500s)	3.7		35.4	4.5		26.0	4.3
C (Clerical, all)	0.8		1.8	0.9		0.6	0.7
O (Others, all)				0.1			0.1
B (Blue Collar, all)	0.1		7.1	0.2		5.5	0.3
Total FTE (PATCOB, total)	51.0	8.9	93.7	50.0	1.2	59.9	46.3

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	0.5	18.2	32.6		18.2
Biological Science Group (all 400s)					
Medical Group (all 600s)					

Engineering Group (all 800s)		12.9	22.4		12.9
Contracting (1102)			1.3		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.2		
Mathematics & Statistics Group (all 1500s)		5.3	7.8		5.3
A (Administrative, all)		4.8	7.8		4.8
Administration & Program (301)		1.8	0.2		1.8
Program Management (340)		1.2	0.2		1.2
Acquisition Logistics (346)			0.3		
Financial Management (all 500s)		0.2	1.0		0.2
Business & Industry (1101, Grades 11-15)			1.0		
Information Technology Group (all 2200s)		1.6	1.4		1.6
T (Technical, all)	0.3	2.9	4.8	0.3	2.9
S&E technicians (all 400s, 800s, 1300s, 1500s)		1.7	4.3		1.7
C (Clerical, all)		0.3	0.7		0.3
O (Others, all)			0.1		
B (Blue Collar, all)			0.3		
Total FTE (PATCOB, total)	0.8	26.3	46.3	0.8	26.3

8.3.J.-(DoD702) Answer this question if Ground Vehicles Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Ground Vehicles - addresses platform and system technology sub areas that support ground vehicles (land combat and tactical vehicles and amphibious vehicles with a ground combat role). Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research,

development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	0.5		0.6	0.4		0.1	0.1
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)	0.2		0.6	0.3		0.1	
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)	0.3						
A (Administrative, all)	0.1		0.1	0.1		0.1	0.1
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (500s)			0.1				
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)							
T (Technical, all)	0.1		0.4	0.2		0.1	
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.1		0.4	0.2		0.1	
C (Clerical, all)			0.1				
O (Others, all)							
B (Blue Collar, all)							

Total FTE (PATCOB, total)	0.7		1.2	0.7		0.3	0.1
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional all)			0.1				
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)							
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)							
A (Administrative, all)			0.1				
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)							
T (Technical, all)							
S&E technicians (all 400s, 800s, 1300s, 1500s)							
C (Clerical, all)							
O (Others, all)							

B (Blue Collar, all)					
Total FTE (PATCOB, total)			0.1		

8.3.K.-(DoD703) Answer this question if Ground Vehicles Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Ground Vehicles - addresses platform and system technology sub areas that support ground vehicles (land combat and tactical vehicles and amphibious vehicles with a ground combat role). Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	2.7		2.7	2.7		2.9	2.5
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	2.5		2.7	2.5		2.8	1.7
Contracting (1102)	0.1			0.1			0.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)	0.1			0.1			0.6
A (Administrative, all)	0.7		0.6	0.6		0.6	0.5
Administration & Program (301)			0.2			0.2	
Program Management (340)			0.1			0.1	
Acquisition Logistics (346)							
Financial Management (all 500s)	0.1		0.2	0.1		0.2	0.1

Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)			0.1			0.1	0.1
T (Technical, all)	1.3	0.1	2.8	1.1	0.1	2.3	0.9
S&E technicians (all 400s, 800s, 1300s, 1500s)	1.3		2.6	1.1		2.2	0.9
C (Clerical, all)	0.1		0.2	0.1		0.2	0.1
O (Others, all)							
B (Blue Collar, all)				0.2			0.3
Total FTE (PATCOB, total)	4.9	0.1	6.4	4.7	0.1	6.0	4.3

	FY03 Military (Pers)	FY03 Other (Pers)	Peak Year Civ Gov (Pers)	Peak Year Military (Pers)	Peak Year Other (Pers)
P (Professional, all)		2.4	2.5		2.4
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)		2.4	1.7		2.4
Contracting (1102)			0.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics & Statistics Group (all 1500s)			0.6		
A (Administrative, all)		0.4	0.5		0.4
Administration & Program (301)		0.1			0.1
Program Management (340)					
Acquisition Logistics (346)					

Financial Management (all 500s)		0.2	0.1		0.2
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.1	0.1		0.1
T (Technical, all)		1.5	0.9		1.5
S&E technicians (all 400s, 800s, 1300s, 1500s)		1.5	0.9		1.5
C (Clerical, all)		0.2	0.1		0.2
O (Others, all)					
B (Blue Collar, all)			0.3		
Total FTE (PATCOB, total)		4.6	4.3		4.6

8.3.L.-(DoD704) Answer this question if Ground Vehicles Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Ground Vehicles - addresses platform and system technology sub areas that support ground vehicles (land combat and tactical vehicles and amphibious vehicles with a ground combat role). Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	2.0	0.1	0.5	3.3		0.5	1.9
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	1.8		0.5	3.0		0.5	1.7
Contracting (1102)	0.1			0.1			0.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)				0.1			0.1
Mathematics & Statistics Group (all 1500s)							

A (Administrative, all)	0.4		0.3	0.1		0.3	0.3
Administration & Program (301)			0.1			0.1	
Program Management (340)			0.1			0.1	
Acquisition Logistics (346)							
Financial Management (all 500s)	0.1			0.1			0.1
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)			0.1			0.1	
T (Technical, all)	0.3	0.1	0.1	0.6	0.1	0.1	0.2
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.3			0.6		0.1	0.2
C (Clerical, all)				0.1			
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	2.7	0.1	1.0	4.3	0.1	1.0	2.5

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)			1.9		
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)			1.7		
Contracting (1102)			0.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.1		
Mathematics &					

Statistics Group (all 1500s)					
A (Administrative, all)		0.2	0.3		0.2
Administration & Program (301)		0.1			0.1
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (all 500s)			0.1		
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.1			0.1
T (Technical, all)	0.1		0.2	0.1	
S&E technicians (all 400s, 800s, 1300s, 1500s)			0.2		
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.1	0.2	2.5	0.1	0.2

8.3.M.-(DoD705) Answer this question if Sea Vehicles Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Sea Vehicles - addresses platform and system technology sub areas that support sea vehicles (surface ship combatants and submarines). Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	2.6	0.2	1.9	2.9	0.3	2.8	2.0
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)	1.9		1.9	2.4		2.7	1.8
Contracting (1102)	0.1			0.1			0.1

Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							0.1
Mathematics & Statistics Group (all 1500s)	0.6		0.1	0.4		0.1	0.1
A (Administrative, all)	0.5		0.4	0.5		0.3	0.4
Administration & Program (301)			0.2			0.2	
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (500s)	0.1		0.1	0.1			0.1
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)			0.1			0.1	0.1
T (Technical, all)	0.3	0.4	0.9	0.3	0.3	0.6	0.3
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.2		0.9	0.3		0.6	0.2
C (Clerical, all)	0.1		0.1	0.1			
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	3.5	0.6	3.3	3.9	0.6	3.8	2.7

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional all)		3.6	2.0		3.6
Biological Science Group (all 400)					
Medical Group (all 600s)					
Engineering Group (all 800s)		3.6	1.8		3.6

Contracting (1102)			0.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.1		
Mathematics & Statistics Group (all 1500s)			0.1		
A (Administrative, all)		0.2	0.4		0.2
Administration & Program (301)		0.1			0.1
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (500s)			0.1		
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200)		0.1	0.1		0.1
T (Technical, all)			0.3		
S&E technicians (all 400s, 800s, 1300s, 1500s)			0.2		
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)		3.8	2.7		3.8

8.3.N.-(DoD706) Answer this question if Sea Vehicles Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Sea Vehicles - addresses platform and system technology sub areas that support sea vehicles (surface ship combatants and submarines).

Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	19.3	1.9	15.6	17.3	2.3	20.1	14.3
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	17.5		15.6	15.3		19.6	12.3
Contracting (1102)	0.6			0.7			0.4
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)	1.0			1.1			1.1
A (Administrative, all)	3.4		3.7	3.5		3.9	3.1
Administration & Program (301)	0.1		1.1	0.1		1.1	0.3
Program Management (340)	0.4		1.0	0.3		0.8	0.1
Acquisition Logistics (346)	0.1			0.1			0.1
Financial Management (all 500s)	0.6		1.0	0.6		1.5	0.3
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)	0.1		0.6	0.1		0.6	0.4
T (Technical, all)	5.1	3.0	12.0	4.7	2.3	14.4	4.2
S&E technicians (all 400s, 800s, 1300s, 1500s)	4.8		10.4	4.5		13.4	3.8
C (Clerical, all)	1.2		1.3	1.3		1.7	0.6
O (Others, all)	0.1			0.2			
B (Blue Collar, all)	0.1			0.2			1.5

Total FTE (PATCOB, total)	29.1	4.9	32.6	27.2	4.6	40.1	23.8
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional, all)	0.1	5.2	14.3	0.1	5.2		
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)		5.2	12.3		5.2		
Contracting (1102)			0.4				
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)			1.1				
A (Administrative, all)		1.6	3.1		1.6		
Administration & Program (301)		0.6	0.3		0.6		
Program Management (340)		0.5	0.1		0.5		
Acquisition Logistics (346)			0.1				
Financial Management (all 500s)		0.2	0.3		0.2		
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)		0.3	0.4		0.3		
T (Technical, all)	0.1	2.2	4.2	0.1	2.2		
S&E technicians (all 400s, 800s, 1300s, 1500s)		1.5	3.8		1.5		
C (Clerical, all)		0.4	0.6		0.4		
O (Others, all)							

B (Blue Collar, all)			1.5		
Total FTE (PATCOB, total)	0.2	9.4	23.8	0.2	9.4

8.3.O.-(DoD707) Answer this question if Sea Vehicles Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Sea Vehicles - addresses platform and system technology sub areas that support sea vehicles (surface ship combatants and submarines). Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	12.3	0.4	4.0	13.1	0.4	4.0	13.2
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	11.0		3.9	12.0		3.9	11.7
Contracting (1102)	0.5			0.5			0.4
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							0.2
Mathematics & Statistics Group (all 1500s)	0.6		0.1	0.5		0.1	0.6
A (Administrative, all)	2.9		2.3	3.3		1.7	3.8
Administration & Program (301)	0.1		0.8			0.8	
Program Management (340)	0.7		1.0	1.0		0.3	1.9
Acquisition Logistics (346)							0.1
Financial Management (all 500s)	0.4			0.5		0.1	0.3
Business & Industry (1101, Grades 11-15)							
Information	0.1		0.5	0.1		0.5	0.3

Technology Group (all 2200s)							
T (Technical, all)	0.9	0.7	1.2	0.9	0.5	1.0	1.9
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.8		0.5	0.7		0.7	1.8
C (Clerical, all)	0.2		0.2	0.3		0.1	0.2
O (Others, all)							
B (Blue Collar, all)	0.4						
Total FTE (PATCOB, total)	16.7	1.1	7.7	17.6	0.9	6.9	19.1

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	0.2	1.6	13.2	0.2	1.6
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)		1.6	11.7		1.6
Contracting (1102)			0.4		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.2		
Mathematics & Statistics Group (all 1500s)			0.6		
A (Administrative, all)		1.1	3.8		1.1
Administration & Program (301)		0.5			0.5
Program Management (340)		0.3	1.9		0.3
Acquisition Logistics (346)			0.1		
Financial Management (all 500s)			0.3		
Business & Industry					

(1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.3	0.3		0.3
T (Technical, all)	0.1	0.4	1.9	0.1	0.4
S&E technicians (all 400s, 800s, 1300s, 1500s)			1.8		
C (Clerical, all)		0.1	0.2		0.1
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.3	3.2	19.1	0.3	3.2

8.3.P.-(DoD708) Answer this question if Materials & Processes Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Materials/Processes – Environmental Quality, Manufacturing Technology, Civil Engineering, Materials/Processes for Survivability, Life Extension, & Affordability. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	4.8		0.5	5.2		0.3	8.7
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)	4.1		0.5	4.5		0.3	7.7
Contracting (1102)	0.1			0.1			0.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.5			0.5			0.2
Mathematics & Statistics Group (all 1500s)	0.1			0.1			0.5
A (Administrative, all)	0.9		0.3	0.5		0.2	0.8
Administration & Program (301)			0.2			0.1	

Program Management (340)	0.1			0.1			
Acquisition Logistics (346)							
Financial Management (500s)	0.1			0.1			0.1
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)			0.1			0.1	0.1
T (Technical, all)	0.8	0.1	0.1	0.7	0.1		1.4
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.8		0.1	0.6			1.3
C (Clerical, all)							0.1
O (Others, all)							
B (Blue Collar, all)				0.1			0.1
Total FTE (PATCOB, total)	6.6	0.1	0.9	6.5	0.1	0.6	11.2

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional all)	0.1	1.2	8.7	0.1	1.2
Biological Science Group (all 400)					
Medical Group (all 600s)					
Engineering Group (all 800s)		1.2	7.7		1.2
Contracting (1102)			0.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.2		
Mathematics & Statistics Group (all 1500s)			0.5		
A (Administrative, all)		0.4	0.8		0.4

Administration & Program (301)		0.2			0.2
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (500s)		0.1	0.1		0.1
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200)		0.1	0.1		0.1
T (Technical, all)		0.5	1.4		0.5
S&E technicians (all 400s, 800s, 1300s, 1500s)		0.5	1.3		0.5
C (Clerical, all)		0.1	0.1		0.1
O (Others, all)					
B (Blue Collar, all)			0.1		
Total FTE (PATCOB, total)	0.1	2.2	11.2	0.1	2.2

8.3.Q.-(DoD709) Answer this question if Materials & Processes Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Materials/Processes – Environmental Quality, Manufacturing Technology, Civil Engineering, Materials/Processes for Survivability, Life Extension, & Affordability. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	24.2	0.2	7.8	19.9	0.2	8.4	30.5
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	16.7		7.8	14.2		8.4	25.3

Contracting (1102)	0.6			0.6			0.6
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	5.9			4.1			0.7
Mathematics & Statistics Group (all 1500s)	0.9			0.8			3.3
A (Administrative, all)	2.7		2.3	2.3		2.0	3.6
Administration & Program (301)	0.1		1.0	0.1		0.9	0.3
Program Management (340)	0.1			0.1			0.2
Acquisition Logistics (346)	0.1						0.1
Financial Management (all 500s)	0.6		0.6	0.5		0.6	0.5
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)	0.1		0.6	0.1	0.2	0.5	0.7
T (Technical, all)	12.2	0.5	4.7	8.9		4.1	6.7
S&E technicians (all 400s, 800s, 1300s, 1500s)	12.0		4.7	8.7		4.1	6.4
C (Clerical, all)	0.2		0.6	0.2		0.6	0.4
O (Others, all)	0.2			0.1			0.1
B (Blue Collar, all)	11.8		0.1	11.8			1.3
Total FTE (PATCOB, total)	51.4	0.7	15.5	43.3	0.4	15.1	42.7

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	0.1	7.8	30.5	0.1	7.8
Biological Science Group (all 400s)					
Medical Group (all 600s)					

Engineering Group (all 800s)		7.8	25.3		7.8
Contracting (1102)			0.6		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.7		
Mathematics & Statistics Group (all 1500s)			3.3		
A (Administrative, all)		2.0	3.6		2.0
Administration & Program (301)		0.9	0.3		0.9
Program Management (340)			0.2		
Acquisition Logistics (346)			0.1		
Financial Management (all 500s)		0.7	0.5		0.7
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.5	0.7		0.5
T (Technical, all)	0.1	4.6	6.7	0.1	4.6
S&E technicians (all 400s, 800s, 1300s, 1500s)		4.6	6.4		4.6
C (Clerical, all)		0.7	0.4		0.7
O (Others, all)			0.1		
B (Blue Collar, all)			1.3		
Total FTE (PATCOB, total)	0.2	15.1	42.7	0.2	15.1

8.3.R.-(DoD710) Answer this question if Materials & Processes Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Materials/Processes – Environmental Quality, Manufacturing Technology, Civil Engineering, Materials/Processes for Survivability, Life Extension, & Affordability. Note: The facilities supporting these functions include

but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	11.4	0.3	1.7	13.3	0.2	1.1	15.2
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	9.9		1.7	12.1		1.1	13.0
Contracting (1102)	0.5			0.4			0.6
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.4			0.3			0.3
Mathematics & Statistics Group (all 1500s)	0.4			0.5			0.9
A (Administrative, all)	2.4		1.3	2.4		1.1	2.9
Administration & Program (301)	0.1		0.8			0.7	0.1
Program Management (340)	0.3			0.2			0.1
Acquisition Logistics (346)							0.1
Financial Management (all 500s)	0.4			0.4			0.4
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)	0.1		0.4	0.1		0.4	0.5
T (Technical, all)	0.9	0.4		0.8	0.2		2.1
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.7			0.6			1.8
C (Clerical, all)	0.2			0.2			0.2
O (Others, all)							
B (Blue Collar, all)							

Total FTE (PATCOB, total)	14.9	0.7	3.0	16.7	0.4	2.3	20.4
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional, all)	0.3		15.2	0.3			
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)			13.0				
Contracting (1102)			0.6				
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)			0.3				
Mathematics & Statistics Group (all 1500s)			0.9				
A (Administrative, all)		1.8	2.9		1.8		
Administration & Program (301)		0.8	0.1		0.8		
Program Management (340)		0.5	0.1		0.5		
Acquisition Logistics (346)			0.1				
Financial Management (all 500s)			0.4				
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)		0.4	0.5		0.4		
T (Technical, all)	0.1		2.1	0.1			
S&E technicians (all 400s, 800s, 1300s, 1500s)			1.8				
C (Clerical, all)			0.2				
O (Others, all)							

B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.4	1.8	20.4	0.4	1.8

8.3.S.-(DoD711) Answer this question if Biomedical Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Biomedical technology - support of the DoD mission to provide health support and services to U.S. armed forces. Combat Casualty Care, Infectious Diseases of Military Importance, Military Operational Medicine, Medical Radiological Defense, Medical Biological Defense, Medical Chemical Defense. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	0.4		0.1	0.6		0.1	4.2
Biological Science Group (all 400)							0.1
Medical Group (all 600s)							
Engineering Group (all 800s)	0.3		0.1	0.6		0.1	2.6
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							0.6
Mathematics & Statistics Group (all 1500s)							0.1
A (Administrative, all)				0.1			0.5
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (500s)							
Business & Industry (1101, Grades 11-15)							
Information							0.1

Technology Group (all 2200)							
T (Technical, all)	0.1			0.2			1.1
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.1			0.2			1.0
C (Clerical, all)							
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	0.5		0.1	0.8		0.2	5.8

	FY03 Military (Pers)	FY03 Other (Pers)	Peak Year Civ Gov (Pers)	Peak Year Military (Pers)	Peak Year Other (Pers)
P (Professional all)			4.2		
Biological Science Group (all 400)			0.1		
Medical Group (all 600s)					
Engineering Group (all 800s)			2.6		
Contracting (1102)					
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.6		
Mathematics & Statistics Group (all 1500s)			0.1		
A (Administrative, all)			0.5		
Administration & Program (301)					
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (500s)					
Business & Industry					

(1101, Grades 11-15)					
Information Technology Group (all 2200)			0.1		
T (Technical, all)			1.1		
S&E technicians (all 400s, 800s, 1300s, 1500s)			1.0		
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)			5.8		

8.3.T.-(DoD712) Answer this question if Biomedical Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Biomedical technology - support of the DoD mission to provide health support and services to U.S. armed forces. Combat Casualty Care, Infectious Diseases of Military Importance, Military Operational Medicine, Medical Radiological Defense, Medical Biological Defense, Medical Chemical Defense. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	0.5		0.2	0.8		1.0	0.6
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	0.5		0.1	0.7		0.6	0.4
Contracting (1102)							0.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)						0.1	
Mathematics & Statistics Group (all 1500s)							0.1

A (Administrative, all)	0.1		0.1	0.2		0.1	0.3
Administration & Program (301)						0.1	
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (all 500s)							0.1
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)							
T (Technical, all)	0.1	0.1		0.2	0.1	0.3	0.1
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.1			0.2		0.3	0.1
C (Clerical, all)						0.1	
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	0.8	0.1	0.2	1.3	0.1	1.4	1.0

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)			0.6		
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)			0.4		
Contracting (1102)			0.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics &			0.1		

Statistics Group (all 1500s)					
A (Administrative, all)		0.2	0.3		0.2
Administration & Program (301)		0.1			0.1
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (all 500s)			0.1		
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.1			0.1
T (Technical, all)			0.1		
S&E technicians (all 400s, 800s, 1300s, 1500s)			0.1		
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)		0.2	1.0		0.2

8.3.U.-(DoD713) Answer this question if Biomedical Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Biomedical technology - support of the DoD mission to provide health support and services to U.S. armed forces. Combat Casualty Care, Infectious Diseases of Military Importance, Military Operational Medicine, Medical Radiological Defense, Medical Biological Defense, Medical Chemical Defense. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	0.7	0.1	0.6	1.0	0.1	1.9	2.4
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group	0.6		0.6	0.9		1.0	2.1

(all 800s)							
Contracting (1102)							0.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)						0.3	
Mathematics & Statistics Group (all 1500s)							0.3
A (Administrative, all)	0.1		0.1	0.2		0.1	0.4
Administration & Program (301)						0.1	
Program Management (340)	0.1						
Acquisition Logistics (346)							
Financial Management (all 500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)							0.1
T (Technical, all)	0.1	0.1				0.4	0.4
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.1					0.4	0.3
C (Clerical, all)						0.1	
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	1.0	0.2	0.7	1.2	0.1	2.4	3.3

	FY03 Military (Pers)	FY03 Other (Pers)	Peak Year Civ Gov (Pers)	Peak Year Military (Pers)	Peak Year Other (Pers)
P (Professional, all)	0.1		2.4	0.1	
Biological Science Group (all 400s)					
Medical Group (all					

600s)					
Engineering Group (all 800s)			2.1		
Contracting (1102)			0.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics & Statistics Group (all 1500s)			0.3		
A (Administrative, all)		0.1	0.4		0.1
Administration & Program (301)		0.1			0.1
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (all 500s)					
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.1	0.1		0.1
T (Technical, all)			0.4		
S&E technicians (all 400s, 800s, 1300s, 1500s)			0.3		
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.1	0.1	3.3	0.1	0.1

8.3.V.-(DoD714) Answer this question if Sensors, Electronics & Electronic Warfare Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Sensors, Electronics, and Electronic Warfare - Radar Sensors, Electro-Optical Sensors, Acoustic Sensors,

Automatic Target Recognition, Integrated Platform Electronics, RF Components, Electro-Optical Technology, Microelectronics, Electronic Materials, Electronic Integration Technology, EW Threat Warning, EW Self-Protection, and EW Control. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	81.6	9.6	63.0	73.1	10.5	68.0	98.8
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)	64.5		61.2	57.5		66.4	80.0
Contracting (1102)	2.4			2.3			3.6
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	5.9			4.7			1.5
Mathematics & Statistics Group (all 1500s)	7.1		0.3	7.2		0.5	11.1
A (Administrative, all)	18.2		9.5	15.9		7.9	25.3
Administration & Program (301)	1.4		4.9	1.0		4.2	0.9
Program Management (340)	3.3		2.2	1.2		1.3	0.4
Acquisition Logistics (346)	0.3			0.2			0.7
Financial Management (500s)	2.2		0.1	2.1		0.2	2.7
Business & Industry (1101, Grades 11-15)	0.1			0.1			0.1
Information Technology Group (all 2200)	1.2		2.3	2.1		2.1	7.4
T (Technical, all)	18.0	11.8	35.4	20.7	13.2	25.9	24.4
S&E technicians (all 400s, 800s, 1300s, 1500s)	17.1		27.7	19.9		18.3	22.6
C (Clerical, all)	1.9		0.3	1.6		0.3	3.0
O (Others, all)				0.1			0.2

B (Blue Collar, all)	0.1		3.1	0.1		1.5	2.3
Total FTE (PATCOB, total)	119.8	21.4	111.4	111.5	23.7	103.5	154.1
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional all)	0.8	150.2	98.8	0.8	150.2		
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)		150.2	80.0		150.2		
Contracting (1102)			3.6				
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)			1.5				
Mathematics & Statistics Group (all 1500s)			11.1				
A (Administrative, all)		8.6	25.3		8.6		
Administration & Program (301)		4.9	0.9		4.9		
Program Management (340)		0.3	0.4		0.3		
Acquisition Logistics (346)			0.7				
Financial Management (500s)		0.4	2.7		0.4		
Business & Industry (1101, Grades 11-15)			0.1				
Information Technology Group (all 2200)		2.7	7.4		2.7		
T (Technical, all)	0.7	59.6	24.4	0.7	59.6		
S&E technicians (all 400s, 800s, 1300s, 1500s)		40.1	22.6		40.1		
C (Clerical, all)		0.4	3.0		0.4		

O (Others, all)			0.2		
B (Blue Collar, all)			2.3		
Total FTE (PATCOB, total)	1.5	218.8	154.1	1.5	218.8

8.3.W.-(DoD715) Answer this question if Sensors, Electronics & Electronic Warfare Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and (c) other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	178.6	42.4	115.3	179.3	37.5	139.3	204.4
Biological Science Group (all 400s)							0.1
Medical Group (all 600s)	0.1			0.1			0.1
Engineering Group (all 800s)	144.3		115.2	145.2		139.3	158.7
Contracting (1102)	14.0			13.9			14.8
Copyright, Patent & Trademark Group (all 1200s)	0.1			0.1			0.1
Physical Science Group (all 1300s)	1.4			1.2			1.0
Mathematics & Statistics Group (all 1500s)	14.1			14.5			21.1
A (Administrative, all)	70.0		66.0	69.1		67.8	69.4
Administration & Program (301)	2.4		26.1	2.9		25.4	2.7
Program Management (340)	5.1		25.1	3.6		26.7	1.9
Acquisition Logistics (346)	1.8			1.4			3.0
Financial Management (all 500s)	12.5		1.5	13.0		2.6	11.2

Business & Industry (1101, Grades 11-15)	0.5			0.7			0.6
Information Technology Group (all 2200s)	6.2		13.1	6.1		12.7	9.9
T (Technical, all)	53.8	79.7	133.3	63.7	52.3	145.1	50.7
S&E technicians (all 400s, 800s, 1300s, 1500s)	48.3		107.3	58.3		119.9	44.2
C (Clerical, all)	7.7		8.3	8.4		8.2	8.5
O (Others, all)	0.6			0.3			0.8
B (Blue Collar, all)	1.9		9.9	1.5		9.7	9.1
Total FTE (PATCOB, total)	312.7	122.0	332.7	322.4	89.8	370.1	343.1

	FY03 Military (Pers)	FY03 Other (Pers)	Peak Year Civ Gov (Pers)	Peak Year Military (Pers)	Peak Year Other (Pers)
P (Professional, all)	1.9	168.2	204.4	1.9	168.2
Biological Science Group (all 400s)			0.1		
Medical Group (all 600s)			0.1		
Engineering Group (all 800s)		168.2	158.7		168.2
Contracting (1102)			14.8		
Copyright, Patent & Trademark Group (all 1200s)			0.1		
Physical Science Group (all 1300s)			1.0		
Mathematics & Statistics Group (all 1500s)			21.1		
A (Administrative, all)		52.5	69.4		52.5
Administration & Program (301)		20.7	2.7		20.7
Program Management (340)		15.4	1.9		15.4
Acquisition Logistics (346)			3.0		

Financial Management (all 500s)		4.4	11.2		4.4
Business & Industry (1101, Grades 11-15)			0.6		
Information Technology Group (all 2200s)		11.7	9.9		11.7
T (Technical, all)	3.0	54.5	50.7	3.0	54.5
S&E technicians (all 400s, 800s, 1300s, 1500s)		33.3	44.2		33.3
C (Clerical, all)		10.3	8.5		10.3
O (Others, all)			0.8		
B (Blue Collar, all)			9.1		
Total FTE (PATCOB, total)	4.9	285.5	343.1	4.9	285.5

8.3.X.-(DoD716) Answer this question if Sensors, Electronics & Electronic Warfare Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Sensors, Electronics, and Electronic Warfare - Radar Sensors, Electro-Optical Sensors, Acoustic Sensors, Automatic Target Recognition, Integrated Platform Electronics, RF Components, Electro-Optical Technology, Microelectronics, Electronic Materials, Electronic Integration Technology, EW Threat Warning, EW Self-Protection, and EW Control. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	275.2	10.9	114.5	306.2	11.2	130.5	346.7
Biological Science Group (all 400s)							0.1
Medical Group (all 600s)	0.1			0.1			0.1
Engineering Group (all 800s)	226.4		111.7	255.4		128.0	276.5
Contracting (1102)	10.7			10.6			13.9
Copyright, Patent & Trademark Group (all 1200s)	0.1			0.1			0.1
Physical Science Group (all 1300s)	1.6			1.8			3.9
Mathematics & Statistics Group (all	33.0		2.5	35.1		2.3	42.1

1500s)							
A (Administrative, all)	133.6		117.7	107.0		119.5	149.0
Administration & Program (301)	2.3		35.0	2.4		36.3	2.3
Program Management (340)	23.9		71.2	24.4		72.0	29.8
Acquisition Logistics (346)	43.9			10.3			34.7
Financial Management (all 500s)	9.9		0.4	10.3		0.1	10.6
Business & Industry (1101, Grades 11-15)	2.6			2.1			3.0
Information Technology Group (all 2200s)	13.7		10.2	17.3		10.0	21.1
T (Technical, all)	76.8	23.4	297.5	89.7	19.2	317.3	70.7
S&E technicians (all 400s, 800s, 1300s, 1500s)	72.2		287.0	84.3		306.8	64.8
C (Clerical, all)	6.9		7.0	11.0		7.1	9.1
O (Others, all)	0.2			0.4			0.6
B (Blue Collar, all)	2.1		60.5	1.8		66.1	3.3
Total FTE (PATCOB, total)	494.8	34.2	597.2	516.4	30.4	640.4	579.5

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	2.2	574.8	346.7	2.2	574.8
Biological Science Group (all 400s)			0.1		
Medical Group (all 600s)			0.1		
Engineering Group (all 800s)		566.2	276.5		566.2
Contracting (1102)			13.9		
Copyright, Patent & Trademark Group (all 1200s)			0.1		
Physical Science Group (all 1300s)			3.9		

Mathematics & Statistics Group (all 1500s)		8.6	42.1		8.6
A (Administrative, all)		58.7	149.0		58.7
Administration & Program (301)		19.1	2.3		19.1
Program Management (340)		19.4	29.8		19.4
Acquisition Logistics (346)		6.3	34.7		6.3
Financial Management (all 500s)		0.5	10.6		0.5
Business & Industry (1101, Grades 11-15)			3.0		
Information Technology Group (all 2200s)		11.7	21.1		11.7
T (Technical, all)	5.1	107.0	70.7	5.1	107.0
S&E technicians (all 400s, 800s, 1300s, 1500s)		41.5	64.8		41.5
C (Clerical, all)		4.0	9.1		4.0
O (Others, all)			0.6		
B (Blue Collar, all)			3.3		
Total FTE (PATCOB, total)	7.3	744.5	579.5	7.3	744.5

8.3.Y.-(DoD717) Answer this question if Space Platforms Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Space Platforms - efforts devoted to space and launch vehicles and space propulsion. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	0.3		0.1	0.3		0.1	
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)				0.1			

Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)	0.2		0.1	0.3		0.1	
A (Administrative, all)							
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)							
T (Technical, all)							
S&E technicians (all 400s, 800s, 1300s, 1500s)							
C (Clerical, all)							
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	0.3		0.1	0.3		0.1	
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional all)							
Biological Science Group (all 400)							
Medical Group (all 600s)							

Engineering Group (all 800s)					
Contracting (1102)					
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics & Statistics Group (all 1500s)					
A (Administrative, all)					
Administration & Program (301)					
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (500s)					
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200)					
T (Technical, all)					
S&E technicians (all 400s, 800s, 1300s, 1500s)					
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)					

8.3.Z.-(DoD718) Answer this question if Space Platforms Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test

and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Space Platforms - efforts devoted to space and launch vehicles and space propulsion. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	0.1			0.1			
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)							
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)							
A (Administrative, all)							
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (all 500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)							
T (Technical, all)							
S&E technicians (all 400s, 800s, 1300s, 1500s)							
C (Clerical, all)							
O (Others, all)							

B (Blue Collar, all)							
Total Workforce (PATCOB, total)	0.1			0.1			
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional, all)							
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)							
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)							
A (Administrative, all)							
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (all 500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)							
T (Technical, all)							
S&E technicians (all 400s, 800s, 1300s, 1500s)							
C (Clerical, all)							

O (Others, all)					
B (Blue Collar, all)					
Total Workforce (PATCOB, total)					

8.3.AA.-(DoD719) Answer this question if Space Platforms Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Space Platforms - efforts devoted to space and launch vehicles and space propulsion. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	0.3		0.1	0.5		0.1	
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	0.1		0.1	0.2		0.1	
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)	0.2		0.1	0.3		0.1	
A (Administrative, all)							
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (all 500s)							
Business & Industry (1101, Grades 11-15)							

Information Technology Group (all 2200s)							
T (Technical, all)							
S&E technicians (all 400s, 800s, 1300s, 1500s)							
C (Clerical, all)							
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	0.4		0.1	0.5		0.1	

	FY03 Military (Pers)	FY03 Other (Pers)	Peak Year Civ Gov (Pers)	Peak Year Military (Pers)	Peak Year Other (Pers)
P (Professional, all)					
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)					
Contracting (1102)					
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics & Statistics Group (all 1500s)					
A (Administrative, all)					
Administration & Program (301)					
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (all 500s)					

Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)					
T (Technical, all)					
S&E technicians (all 400s, 800s, 1300s, 1500s)					
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)					

8.3.AB.-(DoD720) Answer this question if Human Systems Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Human Systems - develops and provides technologies, techniques and tools to ensure that people are properly selected, placed, trained, equipped, and sustained to perform effectively and safely. System Interfaces and Cognitive Processing, Personnel, Training and Leader Development, Protection, Sustainment and Physical Performance. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	11.6	0.1	2.5	13.4	0.3	5.9	22.1
Biological Science Group (all 400)				0.5			0.6
Medical Group (all 600s)							0.1
Engineering Group (all 800s)	9.4		1.2	11.4		2.7	14.5
Contracting (1102)	0.2			0.2			0.3
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	1.2		0.4	0.6		1.2	2.8
Mathematics & Statistics Group (all 1500s)	0.2			0.2			0.7
A (Administrative, all)	2.0		0.5	2.8		0.5	3.3

Administration & Program (301)	0.2		0.3	0.3		0.3	0.2
Program Management (340)	0.4			0.1			0.1
Acquisition Logistics (346)	0.1			0.2			0.1
Financial Management (500s)	0.2			0.2			0.2
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)	0.1		0.2	0.4		0.2	0.5
T (Technical, all)	2.7	0.5	0.6	3.1	0.4	1.4	5.1
S&E technicians (all 400s, 800s, 1300s, 1500s)	2.6		0.6	3.0		1.4	4.8
C (Clerical, all)	0.1		0.2	0.1		0.4	0.1
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	16.5	0.6	3.8	19.4	0.8	8.2	30.7

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional all)	0.4	4.6	22.1		4.6
Biological Science Group (all 400)			0.6		
Medical Group (all 600s)			0.1		
Engineering Group (all 800s)		2.0	14.5		2.0
Contracting (1102)			0.3		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)		1.0	2.8		1.0
Mathematics & Statistics Group (all 1500s)			0.7		

A (Administrative, all)		0.6	3.3		0.6
Administration & Program (301)		0.4	0.2		0.4
Program Management (340)			0.1		
Acquisition Logistics (346)			0.1		
Financial Management (500s)			0.2		
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200)		0.2	0.5		0.2
T (Technical, all)	0.3	1.1	5.1	0.3	1.1
S&E technicians (all 400s, 800s, 1300s, 1500s)		1.1	4.8		1.1
C (Clerical, all)		0.4	0.1		0.4
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.6	6.6	30.7	0.6	6.6

8.3.AC.-(DoD721) Answer this question if Human Systems Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Human Systems - develops and provides technologies, techniques and tools to ensure that people are properly selected, placed, trained, equipped, and sustained to perform effectively and safely. System Interfaces and Cognitive Processing, Personnel, Training and Leader Development, Protection, Sustainment and Physical Performance. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	17.3	2.6	3.7	17.6	0.6	7.8	21.1
Biological Science Group (all 400s)	0.2						0.4
Medical Group (all 600s)							0.1

Engineering Group (all 800s)	12.7		2.8	14.4		4.8	14.3
Contracting (1102)	1.2			1.1			1.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.7		0.3	1.0		1.1	1.6
Mathematics & Statistics Group (all 1500s)	0.4			0.5			1.3
A (Administrative, all)	6.8		3.2	7.8		3.1	7.0
Administration & Program (301)	0.4		1.9	0.3		1.8	0.2
Program Management (340)	0.7		0.2	0.2		0.2	0.3
Acquisition Logistics (346)	0.2			0.2			1.2
Financial Management (all 500s)	1.0			1.1		0.1	0.9
Business & Industry (1101, Grades 11-15)				0.1			0.0
Information Technology Group (all 2200s)	0.4		1.1	0.9		1.0	0.8
T (Technical, all)	3.1	11.4	1.0	4.1	0.7	2.1	4.8
S&E technicians (all 400s, 800s, 1300s, 1500s)	2.6		0.8	3.7		2.0	4.3
C (Clerical, all)	0.7		0.2	0.6		0.5	0.5
O (Others, all)							
B (Blue Collar, all)	0.3			0.1			0.3
Total FTE (PATCOB, total)	28.1	14.0	8.2	30.1	1.4	13.6	33.8
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional, all)	0.4	5.6	21.1	0.4	5.6		
Biological Science Group (all 400s)			0.4				

Medical Group (all 600s)			0.1		
Engineering Group (all 800s)		4.6	14.3		4.6
Contracting (1102)			1.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)		0.4	1.6		0.4
Mathematics & Statistics Group (all 1500s)			1.3		
A (Administrative, all)		3.4	7.0		3.4
Administration & Program (301)		1.6	0.2		1.6
Program Management (340)		0.3	0.3		0.3
Acquisition Logistics (346)		0.4	1.2		0.4
Financial Management (all 500s)		0.2	0.9		0.2
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.9	0.8		0.9
T (Technical, all)	0.4	2.3	4.8	0.4	2.3
S&E technicians (all 400s, 800s, 1300s, 1500s)		2.0	4.3		2.0
C (Clerical, all)		0.5	0.5		0.5
O (Others, all)					
B (Blue Collar, all)			0.3		
Total FTE (PATCOB, total)	0.9	11.8	33.8	0.9	11.8

8.3.AD.-(DoD722) Answer this question if Human Systems Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and

Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Human Systems - develops and provides technologies, techniques and tools to ensure that people are properly selected, placed, trained, equipped, and sustained to perform effectively and safely. System Interfaces and Cognitive Processing, Personnel, Training and Leader Development, Protection, Sustainment and Physical Performance. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	50.0	0.9	16.3	48.7	1.7	21.2	48.3
Biological Science Group (all 400s)	2.0			2.0			1.2
Medical Group (all 600s)	0.3						0.2
Engineering Group (all 800s)	35.2		11.6	32.2		11.8	33.3
Contracting (1102)	0.9			0.9			1.0
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	4.4		1.7	3.3		3.5	4.8
Mathematics & Statistics Group (all 1500s)	1.3			1.2		0.1	2.2
A (Administrative, all)	12.4		3.0	8.9		2.6	9.9
Administration & Program (301)	0.5		1.5	0.2		1.4	0.4
Program Management (340)	1.8		0.1	0.4		0.1	0.4
Acquisition Logistics (346)	0.6			0.4			1.8
Financial Management (all 500s)	0.8		0.5	0.8		0.2	0.8
Business & Industry (1101, Grades 11-15)							0.2
Information Technology Group (all 2200s)	1.3		0.8	0.9		0.8	1.2
T (Technical, all)	7.5	3.0	6.1	7.4	2.2	5.9	9.8
S&E technicians (all 400s, 800s, 1300s, 1500s)	7.0		5.9	7.0		5.8	9.1
C (Clerical, all)	0.4		1.2	0.6		1.4	0.5

O (Others, all)							
B (Blue Collar, all)							0.1
Total FTE (PATCOB, total)	70.3	4.0	26.6	65.6	3.9	31.1	68.5

	FY03 Military (Pers)	FY03 Other (Pers)	Peak Year Civ Gov (Pers)	Peak Year Military (Pers)	Peak Year Other (Pers)
P (Professional, all)	1.1	13.1	48.3	1.1	13.1
Biological Science Group (all 400s)			1.2		
Medical Group (all 600s)			0.2		
Engineering Group (all 800s)		5.5	33.3		5.5
Contracting (1102)			1.0		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)		1.9	4.8		1.9
Mathematics & Statistics Group (all 1500s)		2.5	2.2		2.5
A (Administrative, all)		3.4	9.9		3.4
Administration & Program (301)		1.5	0.4		1.5
Program Management (340)		0.2	0.4		0.2
Acquisition Logistics (346)		0.6	1.8		0.6
Financial Management (all 500s)		0.1	0.8		0.1
Business & Industry (1101, Grades 11-15)			0.2		
Information Technology Group (all 2200s)		1.1	12.		1.1
T (Technical, all)	0.7	2.8	9.8	0.7	2.8
S&E technicians (all 400s, 800s, 1300s, 1500s)		2.6	9.1		2.6

C (Clerical, all)		0.8	0.5		0.8
O (Others, all)					
B (Blue Collar, all)			0.1		
Total FTE (PATCOB, total)	1.8	20.1	68.5	1.8	20.1

8.3.AE.-(DoD723) Answer this question if Weapons Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Weapons technology - efforts devoted to armament technologies for all new and upgraded nonnuclear weapon systems. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	12.4	0.3	1.9	15.0	1.2	2.3	7.8
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)	11.0		0.9	12.8		1.1	5.2
Contracting (1102)	0.3			0.3			0.2
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.2			0.3			
Mathematics & Statistics Group (all 1500s)	0.7		0.1	1.6		0.4	2.2
A (Administrative, all)	2.3		0.8	2.0		0.8	1.6
Administration & Program (301)			0.5			0.4	
Program Management (340)	0.6			0.3		0.1	
Acquisition Logistics (346)							
Financial Management (500s)	0.2		0.1	0.2			0.1
Business & Industry (1101, Grades 11-15)							

Information Technology Group (all 2200)	0.1		0.3	0.1		0.2	0.2
T (Technical, all)	0.6	0.5	2.1	0.6	0.4	2.1	0.7
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.4		1.9	0.5		1.9	0.6
C (Clerical, all)	0.2		0.1	0.3			0.2
O (Others, all)							
B (Blue Collar, all)	0.1			0.4			
Total FTE (PATCOB, total)	15.5	0.8	4.8	18.4	1.6	5.3	10.3

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional all)	0.3	0.6	7.8	0.3	0.6
Biological Science Group (all 400)					
Medical Group (all 600s)					
Engineering Group (all 800s)		0.6	5.2		0.6
Contracting (1102)			0.2		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics & Statistics Group (all 1500s)			2.2		
A (Administrative, all)		0.6	1.6		0.6
Administration & Program (301)		0.2			0.2
Program Management (340)		0.2			0.2
Acquisition Logistics (346)					
Financial Management (500s)			0.1		

Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200)		0.1	0.2		0.1
T (Technical, all)	0.1	0.2	0.7	0.1	0.2
S&E technicians (all 400s, 800s, 1300s, 1500s)		0.2	0.6		0.2
C (Clerical, all)			0.2		
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.4	1.4	10.3	0.4	1.4

8.3.AF.-(DoD724) Answer this question if Weapons Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Weapons technology - efforts devoted to armament technologies for all new and upgraded nonnuclear weapon systems. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	32.6	6.8	30.8	33.9	7.4	22.8	22.4
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	26.7		30.8	27.6		22.4	18.8
Contracting (1102)	1.6			1.6			0.8
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.1						0.2
Mathematics & Statistics Group (all 1500s)	3.7			4.3			1.9

A (Administrative, all)	9.8		7.2	9.7		6.2	5.8
Administration & Program (301)	0.2		2.7	0.2		2.5	0.3
Program Management (340)	1.2		0.7	0.9		0.7	0.1
Acquisition Logistics (346)	0.2			0.2			0.2
Financial Management (all 500s)	1.4		2.2	1.5		1.4	0.6
Business & Industry (1101, Grades 11-15)	0.1			0.1			
Information Technology Group (all 2200s)	0.7		1.5	0.8		1.4	0.6
T (Technical, all)	19.9	8.5	31.1	22.2	10.1	22.1	5.4
S&E technicians (all 400s, 800s, 1300s, 1500s)	19.2		28.8	21.5		20.3	4.9
C (Clerical, all)	1.6		2.5	2.0		1.5	1.1
O (Others, all)	0.1			0.5			
B (Blue Collar, all)	0.3			1.0			1.5
Total FTE (PATCOB, total)	64.4	15.3	71.6	69.3	17.5	52.7	36.3
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional, all)	0.3	6.5	22.4	0.3	6.5		
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)		6.5	18.8		6.5		
Contracting (1102)			0.8				
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)			0.2				
Mathematics &			1.9				

Statistics Group (all 1500s)					
A (Administrative, all)		2.7	5.8		2.7
Administration & Program (301)		1.1	0.3		1.1
Program Management (340)		0.8	0.1		0.8
Acquisition Logistics (346)			0.2		
Financial Management (all 500s)		0.2	0.6		0.2
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.6	0.6		0.6
T (Technical, all)	0.2	4.8	5.4	0.2	4.8
S&E technicians (all 400s, 800s, 1300s, 1500s)		3.8	4.9		3.8
C (Clerical, all)		0.5	1.1		0.5
O (Others, all)					
B (Blue Collar, all)			1.5		
Total FTE (PATCOB, total)	0.5	14.5	36.3	0.5	14.5

8.3.AG.-(DoD725) Answer this question if Weapons Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Weapons technology - efforts devoted to armament technologies for all new and upgraded nonnuclear weapon systems. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	38.7	1.2	13.4	45.7	1.0	15.6	34.6
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	32.7		11.6	38.6		13.5	26.6

Contracting (1102)	1.2			1.2			0.7
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							0.3
Mathematics & Statistics Group (all 1500s)	4.3		1.6	5.6		2.0	6.4
A (Administrative, all)	7.1		4.5	7.6		4.4	6.5
Administration & Program (301)	0.1		2.1	0.1		1.9	0.1
Program Management (340)	1.5		0.8	0.8		0.9	1.4
Acquisition Logistics (346)	0.2			0.2			0.2
Financial Management (all 500s)	1.1			1.1			0.5
Business & Industry (1101, Grades 11-15)	0.1			0.2			0.6
Information Technology Group (all 2200s)	0.4		1.3	0.3		1.3	0.8
T (Technical, all)	3.1	3.9	1.2	2.9	0.5	1.0	3.8
S&E technicians (all 400s, 800s, 1300s, 1500s)	2.6		0.3	2.4		0.3	3.5
C (Clerical, all)	0.5		0.3	0.7		0.3	0.4
O (Others, all)							
B (Blue Collar, all)	0.1						0.1
Total FTE (PATCOB, total)	49.6	5.1	19.4	57.0	1.5	21.3	45.4

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	0.6	5.1	34.6	0.6	5.1
Biological Science Group (all 400s)					
Medical Group (all 600s)					

Engineering Group (all 800s)		2.7	26.6		2.7
Contracting (1102)			0.7		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.3		
Mathematics & Statistics Group (all 1500s)		2.5	6.4		2.5
A (Administrative, all)		2.3	6.5		2.3
Administration & Program (301)		1.0	0.1		1.0
Program Management (340)		0.5	1.4		0.5
Acquisition Logistics (346)			0.2		
Financial Management (all 500s)			0.5		
Business & Industry (1101, Grades 11-15)			0.6		
Information Technology Group (all 2200s)		0.8	0.8		0.8
T (Technical, all)	0.1	0.9	3.8	0.1	0.9
S&E technicians (all 400s, 800s, 1300s, 1500s)		0.3	3.5		0.3
C (Clerical, all)		0.2	0.4		0.2
O (Others, all)					
B (Blue Collar, all)			0.1		
Total FTE (PATCOB, total)	0.7	8.5	45.4	0.7	8.5

8.3.AH.-(DoD726) Answer this question if Nuclear Technology Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Nuclear Technology - develop, apply, and improve the technical capabilities needed for accomplishment of DoD's nuclear and nuclear weapons related missions and support of strategic deterrence. Systems Effects & Survivability, Test & Simulation Technology, Warfighter Support, Nuclear Environments and Effects, Nuclear

Threat Reduction Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional all)	1.7	0.1	0.2				
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)	0.8						
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)	1.0		0.2				
A (Administrative, all)	0.1		0.1	0.1			0.1
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)							
T (Technical, all)		0.1					
S&E technicians (all 400s, 800s, 1300s, 1500s)							
C (Clerical, all)							
O (Others, all)							
B (Blue Collar, all)							

Total FTE (PATCOB, total)	1.9	0.2	0.3	0.1			0.1
	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**		
P (Professional all)							
Biological Science Group (all 400)							
Medical Group (all 600s)							
Engineering Group (all 800s)							
Contracting (1102)							
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)							
A (Administrative, all)			0.1				
Administration & Program (301)							
Program Management (340)							
Acquisition Logistics (346)							
Financial Management (500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200)							
T (Technical, all)							
S&E technicians (all 400s, 800s, 1300s, 1500s)							
C (Clerical, all)							
O (Others, all)							

B (Blue Collar, all)					
Total FTE (PATCOB, total)			0.1		

8.3.AI.-(DoD727) Answer this question if Nuclear Technology Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Nuclear Technology - develop, apply, and improve the technical capabilities needed for accomplishment of DoD's nuclear and nuclear weapons related missions and support of strategic deterrence. Systems Effects & Survivability, Test & Simulation Technology, Warfighter Support, Nuclear Environments and Effects, Nuclear Threat Reduction Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	1.5		4.3	2.2		1.7	2.3
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	1.3		4.3	2.1		1.7	1.5
Contracting (1102)	0.1			0.1			0.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)	0.1						0.6
A (Administrative, all)	0.6		0.7	0.4		0.3	0.5
Administration & Program (301)			0.2			0.1	
Program Management (340)							
Acquisition Logistics (346)							
Financial	0.1		0.4	0.1		0.2	

Management (all 500s)							
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)			0.1			0.1	0.1
T (Technical, all)	0.5	0.1	2.7	1.1		1.1	0.9
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.5		2.7	1.0		1.1	0.9
C (Clerical, all)	0.1		0.4			0.2	0.1
O (Others, all)							
B (Blue Collar, all)							0.3
Total FTE (PATCOB, total)	2.8	0.1	8.1	3.7		3.3	4.0

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)		2.4	2.3		2.4
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)		2.4	1.5		2.4
Contracting (1102)			0.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics & Statistics Group (all 1500s)			0.6		
A (Administrative, all)		0.4	0.5		0.4
Administration & Program (301)		0.1			0.1
Program Management (340)					
Acquisition Logistics					

(346)					
Financial Management (all 500s)		0.2			0.2
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.1	0.1		0.1
T (Technical, all)		1.5	0.9		1.5
S&E technicians (all 400s, 800s, 1300s, 1500s)		1.5	0.9		1.5
C (Clerical, all)		0.2	0.1		0.2
O (Others, all)					
B (Blue Collar, all)			0.3		
Total FTE (PATCOB, total)		4.6	4.0		4.6

8.3.AJ.-(DoD728) Answer this question if Nuclear Technology Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Nuclear Technology - develop, apply, and improve the technical capabilities needed for accomplishment of DoD's nuclear and nuclear weapons related missions and support of strategic deterrence. Systems Effects & Survivability, Test & Simulation Technology, Warfighter Support, Nuclear Environments and Effects, Nuclear Threat Reduction Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	4.5	0.2	0.3	1.8		0.1	0.4
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	2.1		0.1	1.5		0.1	0.2
Contracting (1102)	0.1						0.2
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics &	2.3		0.2	0.2		0.1	0.1

Statistics Group (all 1500s)							
A (Administrative, all)	0.5		0.3	0.2		0.1	0.2
Administration & Program (301)			0.2				
Program Management (340)	0.1						
Acquisition Logistics (346)							
Financial Management (all 500s)	0.1						
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)			0.1				
T (Technical, all)	0.1	0.1		0.2			0.1
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.1			0.2			0.1
C (Clerical, all)							
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	5.2	0.3	0.5	2.3		0.2	0.8

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)			0.4		
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)			0.1		
Contracting (1102)		0.1	0.2		0.1
Copyright, Patent & Trademark Group (all 1200s)		0.1			0.1
Physical Science Group					

(all 1300s)					
Mathematics & Statistics Group (all 1500s)			0.1		
A (Administrative, all)			0.2		
Administration & Program (301)					
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (all 500s)					
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)					
T (Technical, all)			0.1		
S&E technicians (all 400s, 800s, 1300s, 1500s)			0.1		
C (Clerical, all)					
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)		0.1	0.8		0.1

8.3.AK.-(DoD729) Answer this question if Battlespace Environments Research is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Research means basic research (6.1), applied research (6.2) and advanced development (6.3). Battlespace Environments - addresses the natural environment of the battlespace for the purposes of the warfighter and the impact it has on the sensors, systems, and tactics the warfighter employs. Terrestrial Environments, Ocean Battlespace Environments, Lower Atmosphere, Space/Upper Atmosphere Environments. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	4.2		4.2	4.3		7.1	7.1
Biological Science Group (all 400s)							
Medical Group (all 600s)							

Engineering Group (all 800s)	3.7		4.2	3.9		7.1	5.8
Contracting (1102)	0.1			0.1			0.1
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.1			0.1			0.2
Mathematics & Statistics Group (all 1500s)	0.4			0.2			0.6
A (Administrative, all)	0.8		0.4	0.7		0.4	1.0
Administration & Program (301)	0.1		0.1			0.1	
Program Management (340)	0.3			0.1			
Acquisition Logistics (346)							
Financial Management (all 500s)	0.1		0.2	0.1			0.1
Business & Industry (1101, Grades 11-15))							
Information Technology Group (all 2200s)			0.1			0.1	0.3
T (Technical, all)	0.3	0.1	1.7	0.4		0.2	1.4
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.3		1.5	0.4		0.2	1.3
C (Clerical, all)			0.2	0.1			0.1
O (Others, all)							
B (Blue Collar, all)							
Business & Industry (1101, Grades 11-15)	5.4	0.1	6.5	5.5		7.7	9.5

	FY03 Military (Pers)	FY03 Other (Pers)	Peak Year Civ Gov (Pers)	Peak Year Military (Pers)	Peak Year Other (Pers)
P (Professional, all)		1.3	7.1		1.3
Biological Science Group (all 400s)					

Medical Group (all 600s)					
Engineering Group (all 800s)		1.3	5.8		1.3
Contracting (1102)			0.1		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.2		
Mathematics & Statistics Group (all 1500s)			0.6		
A (Administrative, all)		0.3	1.0		0.3
Administration & Program (301)		0.1			0.1
Program Management (340)					
Acquisition Logistics (346)					
Financial Management (all 500s)		0.1	0.1		0.1
Business & Industry (1101, Grades 11-15))					
Information Technology Group (all 2200s)		0.1	0.3		0.1
T (Technical, all)		0.9	1.4		0.9
S&E technicians (all 400s, 800s, 1300s, 1500s)		0.9	1.3		0.9
C (Clerical, all)		0.1	0.1		0.1
O (Others, all)					
B (Blue Collar, all)					
Business & Industry (1101, Grades 11-15)		2.6	9.5		2.6

8.3.AL.-(DoD730) Answer this question if Battlespace Environments Test & Evaluation is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Test and Evaluation

means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions. Battlespace Environments - addresses the natural environment of the battlespace for the purposes of the warfighter and the impact it has on the sensors, systems, and tactics the warfighter employs. Terrestrial Environments, Ocean Battlespace Environments, Lower Atmosphere, Space/Upper Atmosphere Environments. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	4.5	0.1	9.0	5.7	0.1	9.9	6.4
Biological Science Group (all 400s)							
Medical Group (all 600s)							
Engineering Group (all 800s)	3.6		8.9	4.6		9.8	4.4
Contracting (1102)	0.3			0.4			0.3
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)							
Mathematics & Statistics Group (all 1500s)	0.5			0.6			1.3
A (Administrative, all)	2.0		1.6	2.1		1.7	1.9
Administration & Program (301)	0.1		0.6	0.1		0.6	0.1
Program Management (340)	0.4		0.2	0.3		0.2	0.1
Acquisition Logistics (346)							0.1
Financial Management (all 500s)	0.3		0.5	0.3		0.5	0.3
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)	0.1		0.3	0.1		0.3	0.3
T (Technical, all)	1.0	0.3	3.9	1.8	0.2	3.9	2.1
S&E technicians (all 400s, 800s, 1300s,	0.9		3.7	1.7		3.7	1.9

1500s)							
C (Clerical, all)	0.3		0.6	0.4		0.6	0.2
O (Others, all)							0.1
B (Blue Collar, all)							0.5
Total FTE (PATCOB, total)	7.8	0.4	15.1	10.0	0.3	16.0	11.1

	FY03 Military (Pers)	FY03 Other (Pers)	Peak Year Civ Gov (Pers)	Peak Year Military (Pers)	Peak Year Other (Pers)
P (Professional, all)	0.1	4.9	6.4	0.1	4.9
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)		4.9	4.4		4.9
Contracting (1102)			0.3		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)					
Mathematics & Statistics Group (all 1500s)			1.3		
A (Administrative, all)		1.2	1.9		1.2
Administration & Program (301)		0.5	0.1		0.5
Program Management (340)			0.1		
Acquisition Logistics (346)			0.1		
Financial Management (all 500s)		0.4	0.3		0.4
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.3	0.3		0.3
T (Technical, all)	0.1	3.1	2.1	0.1	3.1
S&E technicians (all		3.1	1.9		3.1

400s, 800s, 1300s, 1500s)					
C (Clerical, all)		0.4	0.2		0.4
O (Others, all)			0.1		
B (Blue Collar, all)			0.5		
Total FTE (PATCOB, total)	0.2	9.6	11.1	0.2	9.6

8.3.AM.-(DoD731) Answer this question if Battlespace Environments Development & Acquisition is done at the location. Answer this question for each of the three multiple choice values on the dropdown menu (research, development & acquisition, test & evaluations). Provide the number of full time equivalents for three years (FY01, FY02, FY03) and the peak year (from FY94 through FY03) for work years at the location. For each fiscal year actual FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and © other non-government personnel (e.g., all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. Development and Acquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support. Battlespace Environments - addresses the natural environment of the battlespace for the purposes of the warfighter and the impact it has on the sensors, systems, and tactics the warfighter employs. Terrestrial Environments, Ocean Battlespace Environments, Lower Atmosphere, Space/Upper Atmosphere Environments. Note: The facilities supporting these functions include but are not limited to: laboratories; test ranges; product centers; warfare centers; research, development and engineering centers.

	FY01 Civ Gov (Pers)	FY01 Military (Pers)	FY01 Other (Pers)	FY02 Civ Gov (Pers)	FY02 Military (Pers)	FY02 Other (Pers)	FY03 Civ Gov (Pers)
P (Professional, all)	5.8	0.2	5.0	6.7	0.2	7.9	12.1
Biological Science Group (all 400s)	0.1						
Medical Group (all 600s)							
Engineering Group (all 800s)	5.0		5.0	6.2		7.9	10.1
Contracting (1102)	0.3			0.3			0.3
Copyright, Patent & Trademark Group (all 1200s)							
Physical Science Group (all 1300s)	0.1						0.1
Mathematics & Statistics Group (all 1500s)	0.2			0.1			1.2
A (Administrative, all)	1.6		0.9	1.5		1.1	2.3
Administration & Program (301)	0.1		0.4			0.5	0.1
Program Management (340)	0.5		0.1	0.3		0.1	0.1
Acquisition Logistics (346)							0.1

Financial Management (all 500s)	0.2			0.3			0.2
Business & Industry (1101, Grades 11-15)							
Information Technology Group (all 2200s)	0.1		0.2	0.1		0.3	0.7
T (Technical, all)	0.4	0.3	0.3	0.3	0.1	0.1	2.3
S&E technicians (all 400s, 800s, 1300s, 1500s)	0.3		0.1	0.2		0.1	2.2
C (Clerical, all)	0.1		0.1	0.2			0.2
O (Others, all)							
B (Blue Collar, all)							
Total FTE (PATCOB, total)	8.0	0.5	6.3	8.8	0.3	9.2	17.0

	FY03 Military (Pers)	**FY03 Other (Pers)**	**Peak Year Civ Gov (Pers)**	**Peak Year Military (Pers)**	**Peak Year Other (Pers)**
P (Professional, all)	0.2	1.1	12.1	0.2	1.1
Biological Science Group (all 400s)					
Medical Group (all 600s)					
Engineering Group (all 800s)		1.1	10.1		1.1
Contracting (1102)			0.3		
Copyright, Patent & Trademark Group (all 1200s)					
Physical Science Group (all 1300s)			0.1		
Mathematics & Statistics Group (all 1500s)			1.2		
A (Administrative, all)		0.8	2.3		0.8
Administration & Program (301)		0.4	0.1		0.4
Program Management (340)			0.1		

Acquisition Logistics (346)			0.1		
Financial Management (all 500s)		0.1	0.2		0.1
Business & Industry (1101, Grades 11-15)					
Information Technology Group (all 2200s)		0.3	0.7		0.3
T (Technical, all)	0.1	0.7	2.3	0.1	0.7
S&E technicians (all 400s, 800s, 1300s, 1500s)		0.7	2.2		0.7
C (Clerical, all)		0.1	0.2		0.1
O (Others, all)					
B (Blue Collar, all)					
Total FTE (PATCOB, total)	0.3	2.6	17.0	0.3	2.6

8.3.AN.-(DoD732)
N/A

8.3.AO.-(DoD734) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	2338.6	735.0	92.9	517.7	61.6	5.8	352.8
Research: from Navy	52185.6	13947.6	14393.2	40357.0	17058.9	6042.2	36785.4
Research: from Air Force	1386.3	745.5	160.5	637.7	198.6	11.8	533.1
Research: from Other DoD	6139.5	1452.8	901.1	3729.3	983.6	393.6	1825.2
Research: from Other Federal	979.9	13.5	48.7	225.9	32.2	2.4	56.0
Research: from Other non-Federal	759.4	68.7	165.0	336.9	2.1	109.6	354.5
Development & acquisition: from Army	9129.9	2869.5	362.7	2394.5	399.8	34.6	5338.6
Development & acquisition: from Navy	203732.8	54451.4	56191.2	169127.3	78098.7	27519.1	239813.1

Development & acquisition: from Air Force	5412.2	2910.3	626.7	3490.1	1252.8	131.9	3927.7
Development & acquisition: from Other DoD	23968.6	5671.6	3517.7	13029.4	3196.7	979.2	6331.7
Development & acquisition: from Other Federal	3825.7	52.8	190.2	1096.4	64.1		370.7
Development & acquisition: from Other non-Federal	2964.8	268.2	644.3	1384.1	12.2	521.6	1555.7
Test & Evaluation: from Army	9924.1	3119.2	394.3	4080.2	1675.6	95.9	3853.0
Test & Evaluation: from Navy	221455.6	59188.1	61079.3	245559.7	54556.6	45266.7	247880.4
Test & Evaluation: from Air Force	5883.1	3163.5	681.3	2858.9	747.3	141.5	2631.7
Test & Evaluation: from Other DoD	26053.7	6165.0	3823.7	12151.7	654.6	328.2	7043.9
Test & Evaluation: from Other Federal	4158.5	57.4	206.7	1219.2	70.6	11.8	320.9
Test & Evaluation: from Other non-Federal	3222.8	291.6	700.3	3777.8	162.0	892.6	3353.1

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	68.7	10.2	2338.6	735.0	92.9
Research: from Navy	16409.5	8479.3	52185.6	13947.6	14393.2
Research: from Air Force	58.2	28.5	1386.3	745.5	160.5
Research: from Other DoD	1072.6	437.7	6139.5	1452.8	901.1
Research: from Other Federal	5.4		979.9	13.5	48.7
Research: from Other non-Federal	0	58.1	759.4	68.7	165.0
Development & acquisition: from Army	4900.3	501.6	9129.9	2869.5	362.7
Development &	144093.7	44640.0	203732.8	54451.4	56191.2

acquisition: from Navy					
Development & acquisition: from Air Force	3380.0	275.9	5412.2	2910.3	626.7
Development & acquisition: from Other DoD	3481.4	850.1	23968.6	5671.6	3517.7
Development & acquisition: from Other Federal	106.5		3825.7	52.8	190.2
Development & acquisition: from Other non-Federal	24.5	414.0	2964.8	268.2	644.3
Test & Evaluation: from Army	1874.5	422.6	9924.1	3119.2	394.3
Test & Evaluation: from Navy	78957.6	63576.4	221455.6	59188.1	61079.3
Test & Evaluation: from Air Force	392.1	424.6	5883.1	3163.5	681.3
Test & Evaluation: from Other DoD	1260.2	462.7	26053.7	6165.0	3823.7
Test & Evaluation: from Other Federal	70.6	5.9	4158.5	57.4	206.7
Test & Evaluation: from Other non-Federal	254.7	516.1	3222.8	291.6	700.3

8.3.AP.-(DoD735) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	33.0	10.4	1.3	5.3	0	0	29.4
Research: from Navy	736.5	196.8	203.1	419.4	340.5	98.3	433.5
Research: from Air Force	19.6	10.5	2.3	6.2	1.0	0	11.3
Research: from Other DoD	86.6	20.5	12.7	52.8	23.4	1.0	30.0
Research: from Other Federal	13.8	0.2	0.7	3.2	0	0	4.4
Research: from Other	10.7	1.0	2.3	1.5	0	0.3	2.0

non-Federal							
Development & Acquisition: from Army	128.8	40.5	5.1	140.5	118.1	0.6	549.1
Development & Acquisition: from Navy	2875.2	768.4	793.0	3029.2	1849.8	561.7	2276.6
Development & Acquisition: from Air Force	76.4	41.1	8.8	340.6	291.7	4.1	106.8
Development & Acquisition: from Other DoD	338.3	80.0	49.6	227.1	43.0	8.0	77.6
Development & Acquisition: from Other Federal	54.0	0.7	2.7	29.7	17.1	0.1	81.1
Development & Acquisition: from Other non-Federal	41.8	3.8	9.1	42.0	0.3	34.8	11.0
Test & Evaluation: from Army	140.1	44.0	5.6	140.7	116.7	0.6	372.9
Test & Evaluation: from Navy	3125.3	835.3	862.0	2141.5	1726.5	335.9	1773.2
Test & Evaluation: from Air Force	83.0	44.6	9.6	282.8	269.8	2.2	77.7
Test & Evaluation: from Other DoD	367.7	87.0	54.0	174.9	68.1	3.2	88.7
Test & Evaluation: from Other Federal	58.7	0.8	2.9	29.2	15.8	0.2	54.5
Test & Evaluation: from Other non-Federal	45.5	4.1	9.9	46.1	0.1	33.8	19.3

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	38.3	0	33.0	10.4	1.3
Research: from Navy	334.1	153.9	736.5	196.8	203.1
Research: from Air Force	9.5	3.6	19.6	10.5	2.3
Research: from Other DoD	26.6	13.3	86.6	20.5	12.7
Research: from Other Federal	5.4	0.1	13.8	0.2	0.7

Research: from Other non-Federal	0	0.6	10.7	1.0	2.3
Development & Acquisition: from Army	738.6	0	128.8	40.5	5.1
Development & Acquisition: from Navy	1979.7	536.8	2875.2	768.4	793.0
Development & Acquisition: from Air Force	131.0	4.6	76.4	41.1	8.8
Development & Acquisition: from Other DoD	59.0	30.7	338.3	80.0	49.6
Development & Acquisition: from Other Federal	105.0	2.2	54.0	0.7	2.7
Development & Acquisition: from Other non-Federal		6.6	41.8	3.8	9.1
Test & Evaluation: from Army	496.8	0	140.1	44.0	5.6
Test & Evaluation: from Navy	1742.8	540.4	3125.3	835.3	862.0
Test & Evaluation: from Air Force	88.2	3.3	83.0	44.6	9.6
Test & Evaluation: from Other DoD	88.2	46.8	367.7	87.0	54.0
Test & Evaluation: from Other Federal	70.6	1.5	58.7	0.8	2.9
Test & Evaluation: from Other non-Federal	0	8.3	45.5	4.1	9.9

8.3.AQ.-(DoD736) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Executed ($K)
Research: from Army	175.1	55.0	7.0	366.6	581.6	23.5	165.1
Research: from Navy	3907.8	1044.4	1077.8	4359.5	1489.1	801.3	3236.2
Research: from Air Force	103.8	55.8	12.0	52.4	24.8	2.5	32.1

Research: from Other DoD	459.7	108.8	67.5	259.5	13.9	13.1	119.7
Research: from Other Federal	73.4	1.0	3.6	25.7	0.8	2.7	18.1
Research: from Other non-Federal	56.9	5.1	12.4	41.3	0.2	14.6	77.6
Development & Acquisition: from Army	683.7	214.9	27.2	1272.3	298.8	496.3	2253.4
Development & Acquisition: from Navy	15256.2	4077.5	4207.8	42408.6	33128.2	4382.5	9555.2
Development & Acquisition: from Air Force	405.3	217.9	46.9	480.2	208.6	147.6	531.1
Development & Acquisition: from Other DoD	1794.9	424.7	263.4	4513.3	1133.6	522.3	4627.0
Development & Acquisition: from Other Federal	286.5	4.0	14.2	520.0	5.3	120.5	628.7
Development & Acquisition: from Other non-Federal	222.0	20.1	48.2	195.4	1.8	104.4	411.5
Test & Evaluation: from Army	743.1	233.6	29.5	897.5	546.9	95.5	2634.0
Test & Evaluation: from Navy	16583.4	4432.2	4573.8	13645.2	4613.0	2255.5	13453.9
Test & Evaluation: from Air Force	440.5	236.9	51.0	757.3	618.7	32.3	249.0
Test & Evaluation: from Other DoD	1951.0	461.7	286.3	1465.5	40.4	76.4	977.6
Test & Evaluation: from Other Federal	311.4	4.3	15.5	182.5	36.1	24.2	223.0
Test & Evaluation: from Other non-Federal	241.3	21.8	52.4	277.5	0.7	184.0	315.6

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	79.1	27.9	175.1	55.0	7.0
Research: from Navy	1450.1	1050.2	3907.8	1044.4	1077.8
Research: from Air	20.0	4.3	103.8	55.8	12.0

Force					
Research: from Other DoD	35.2	17.4	459.7	108.8	67.5
Research: from Other Federal	10.9	1.2	73.4	1.0	3.6
Research: from Other non-Federal	0	43.5	56.9	5.1	12.4
Development & Acquisition: from Army	1266.4	512.9	683.7	214.9	27.2
Development & Acquisition: from Navy	5897.5	5345.3	15256.2	4077.5	4207.8
Development & Acquisition: from Air Force	195.4	64.4	405.3	217.9	46.9
Development & Acquisition: from Other DoD	543.9	419.3	1794.9	424.7	263.4
Development & Acquisition: from Other Federal	105.2	47.9	286.5	4.0	14.2
Development & Acquisition: from Other non-Federal	0	402.3	222.0	20.1	48.2
Test & Evaluation: from Army	2493.7	279.3	743.1	233.6	29.5
Test & Evaluation: from Navy	5449.7	4334.6	16583.4	4432.2	4573.8
Test & Evaluation: from Air Force	196.3	23.2	440.5	236.9	51.0
Test & Evaluation: from Other DoD	205.0	90.9	1951.0	461.7	286.3
Test & Evaluation: from Other Federal	141.3	16.1	311.4	4.3	15.5
Test & Evaluation: from Other non-Federal	0	102.6	241.3	21.8	52.4

8.3.AR.-(DoD737) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural	Peak Year Extramural execution within DoD	Peak Year Extramural execution outside	FY01 Intramural	FY01 Extramural execution within DoD	FY01 Extramural execution outside	FY02 Intramural

	Execution ($K)	($K)	DoD ($K)	Execution ($K)	($K)	DoD ($K)	Execution ($K)
Research: from Army	4.6	1.5	0.2	19.5	18.4	0	5.2
Research: from Navy	103.5	27.7	28.5	178.9	88.3	27.5	138.1
Research: from Air Force	2.7	1.5	0.3	5.8	0.2	0	7.7
Research: from Other DoD	12.2	2.9	1.8	12.0	1.3	0.1	3.5
Research: from Other Federal	1.9	0.0	0.1	0.8	0	0	0.1
Research: from Other non-Federal	1.5	0.1	0.3	16.5	0	1.3	23.8
Development & Acquisition: from Army	18.1	5.7	0.7	6.9	0	0.5	1.7
Development & Acquisition: from Navy	404.0	108.0	111.4	484.4	318.3	51.0	454.4
Development & Acquisition: from Air Force	10.7	5.8	1.2	7.5	0.9	1.0	2.5
Development & Acquisition: from Other DoD	47.5	11.2	7.0	37.6	1.3	1.2	6.9
Development & Acquisition: from Other Federal	7.6	0.1	0.4	3.8	0	0	0.4
Development & Acquisition: from Other non-Federal	5.9	0.5	1.3	2.5	0.3	0	2.1
Test & Evaluation: from Army	19.7	6.2	0.8	20.0	2.2	0.6	27.1
Test & Evaluation: from Navy	439.1	117.4	121.1	694.5	206.3	152.9	446.7
Test & Evaluation: from Air Force	11.7	6.3	1.4	10.4	1.3	0.4	3.5
Test & Evaluation: from Other DoD	51.7	12.2	7.6	45.9	4.2	0.3	14.5
Test & Evaluation: from Other Federal	8.2	0.1	0.4	5.3	0	0	0.7
Test & Evaluation: from Other non-Federal	6.4	0.6	1.4	15.0	3.5	0.4	16.2
	FY02 Extramural	FY02 Extramural	FY03 Intramural	FY03 Extramural	FY03 Extramural		

	execution within DoD ($K)	execution outside DoD ($K)	Execution ($K)	execution within DoD ($K)	execution outside DoD ($K)
Research: from Army			4.6	1.5	0.2
Research: from Navy	38.9	30.3	103.5	27.7	28.5
Research: from Air Force	0	1.5	2.7	1.5	0.3
Research: from Other DoD	1.5	0.7	12.2	2.9	1.8
Research: from Other Federal	0		1.9	0.0	0.1
Research: from Other non-Federal		8.4	1.5	0.1	0.3
Development & Acquisition: from Army	0.1	0.1	18.1	5.7	0.7
Development & Acquisition: from Navy	214.9	76.3	404.0	108.0	111.4
Development & Acquisition: from Air Force	0.3	1.5	10.7	5.8	1.2
Development & Acquisition: from Other DoD	1.4	0.9	47.5	11.2	7.0
Development & Acquisition: from Other Federal	0	0	7.6	0.1	0.4
Development & Acquisition: from Other non-Federal	0	0.4	5.9	0.5	1.3
Test & Evaluation: from Army	0.7	0.1	19.7	6.2	0.8
Test & Evaluation: from Navy	189.3	134.0	439.1	117.4	121.1
Test & Evaluation: from Air Force	0.1	1.0	11.7	6.3	1.4
Test & Evaluation: from Other DoD	1.8	0.4	51.7	12.2	7.6
Test & Evaluation: from Other Federal	0.	0	8.2	0.1	0.4
Test & Evaluation: from Other non-Federal	3.4	0.5	6.4	0.6	1.4

8.3.AS.-(DoD738) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	45.5	14.3	1.8	28.2	18.6	0.1	8.6
Research: from Navy	1015.9	271.5	280.2	785.5	264.1	94.4	842.3
Research: from Air Force	27.0	14.5	3.1	11.5	1.5	0.1	18.1
Research: from Other DoD	119.5	28.3	17.5	75.4	6.0	1.1	26.9
Research: from Other Federal	19.1	0.3	0.9	6.3	0	0.1	0.9
Research: from Other non-Federal	14.8	1.3	3.2	22.1	0.1	1.8	31.6
Development & Acquisition: from Army	177.7	55.9	7.1	49.7	0.2	1.6	18.8
Development & Acquisition: from Navy	3966.2	1060.0	1093.9	3698.3	1351.6	844.6	3270.3
Development & Acquisition: from Air Force	105.4	56.7	12.2	54.6	29.6	3.3	28.6
Development & Acquisition: from Other DoD	466.6	110.4	68.5	292.9	15.3	9.9	111.8
Development & Acquisition: from Other Federal	74.5	1.0	3.7	41.7		0.3	11.0
Development & Acquisition: from Other non-Federal	57.7	5.2	12.5	125.3	2.4	106.9	108.5
Test & Evaluation: from Army	193.2	60.7	7.7	170.2	2.8	7.9	340.8
Test & Evaluation: from Navy	4311.2	1152.2	1189.1	5038.2	1589.2	1222.1	4479.1
Test & Evaluation: from Air Force	114.5	61.6	13.3	213.2	65.7	1.1	312.4
Test & Evaluation: from Other DoD	507.2	120.0	74.4	340.1	11.6	6.4	402.4

Test & Evaluation: from Other Federal	81.0	1.1	4.0	65.8		0.3	17.7
Test & Evaluation: from Other non-Federal	62.7	5.7	13.6	558.2	6.4	199.3	351.8
	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**		
Research: from Army	0.2	0.4	45.5	14.3	1.8		
Research: from Navy	283.5	201.3	1015.9	271.5	280.2		
Research: from Air Force	5.6	8.3	27.0	14.5	3.1		
Research: from Other DoD	8.3	4.2	119.5	28.3	17.5		
Research: from Other Federal	0		19.1	0.3	0.9		
Research: from Other non-Federal	0.5	10.3	14.8	1.3	3.2		
Development & Acquisition: from Army	0.7	0.8	177.7	55.9	7.1		
Development & Acquisition: from Navy	1446.7	672.1	3966.2	1060.0	1093.9		
Development & Acquisition: from Air Force	32.0	13.0	105.4	56.7	12.2		
Development & Acquisition: from Other DoD	15.5	5.7	466.6	110.4	68.5		
Development & Acquisition: from Other Federal	0	0	74.5	1.0	3.7		
Development & Acquisition: from Other non-Federal	2.3	102.9	57.7	5.2	12.5		
Test & Evaluation: from Army	1.0	12.8	193.2	60.7	7.7		
Test & Evaluation: from Navy	1971.2	2945.7	4311.2	1152.2	1189.1		
Test & Evaluation: from Air Force	1.3	4.0	114.5	61.6	13.3		
Test & Evaluation: from	29.6	11.2	507.2	120.0	74.4		

Other DoD					
Test & Evaluation: from Other Federal		0	81.0	1.1	4.0
Test & Evaluation: from Other non-Federal	9.5	113.8	62.7	5.7	13.6

8.3.AT.-(DoD739) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	44.6	14.0	1.8	20.7	9.4	0.0	6.0
Research: from Navy	994.9	265.9	274.4	1245.4	592.3	141.6	1185.7
Research: from Air Force	26.4	14.2	3.1	34.5	24.3	0.5	7.4
Research: from Other DoD	117.0	27.7	17.2	216.4	142.7	21.2	159.9
Research: from Other Federal	18.7	0.3	0.9	7.9	1.3	0.1	1.6
Research: from Other non-Federal	14.5	1.3	3.1	7.8	0	3.8	6.3
Development & Acquisition: from Army	174.0	54.7	6.9	286.5	236.2	0.2	18.6
Development & Acquisition: from Navy	3883.9	1038.0	1071.2	4945.3	3405.8	798.9	3738.2
Development & Acquisition: from Air Force	103.2	55.5	11.9	610.4	580.9	5.7	21.2
Development & Acquisition: from Other DoD	456.9	108.1	67.1	321.8	56.1	12.5	118.7
Development & Acquisition: from Other Federal	72.9	1.0	3.6	63.0	34.2	0.3	6.8
Development & Acquisition: from Other non-Federal	56.5	5.1	12.3	85.4	0.6	69.9	21.1
Test & Evaluation: from Army	189.2	59.5	7.5	111.9	2.3	0.2	31.1
Test & Evaluation: from	4221.8	1128.3	1164.4	5704.8	1009.6	442.2	5041.2

Navy							
Test & Evaluation: from Air Force	112.2	60.3	13.0	88.6	8.8	0.7	35.4
Test & Evaluation: from Other DoD	496.7	117.5	72.9	1087.2	602.3	198.8	740.3
Test & Evaluation: from Other Federal	79.3	1.1	3.9	29.8	0	0.3	5.3
Test & Evaluation: from Other non-Federal	61.4	5.6	13.4	40.0	0.2	7.6	37.2

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	0.2	0	44.6	14.0	1.8
Research: from Navy	527.5	274.1	994.9	265.9	274.4
Research: from Air Force	0.3	0.1	26.4	14.2	3.1
Research: from Other DoD	136.3	51.8	117.0	27.7	17.2
Research: from Other Federal	0	0	18.7	0.3	0.9
Research: from Other non-Federal		0.9	14.5	1.3	3.1
Development & Acquisition: from Army	0.7	0.3	174.0	54.7	6.9
Development & Acquisition: from Navy	2106.5	957.3	3883.9	1038.0	1071.2
Development & Acquisition: from Air Force	1.2	0.4	103.2	55.5	11.9
Development & Acquisition: from Other DoD	83.2	35.3	456.9	108.1	67.1
Development & Acquisition: from Other Federal	0	0	72.9	1.0	3.6
Development & Acquisition: from Other non-Federal	0	3.6	56.5	5.1	12.3
Test & Evaluation: from Army	0.7	0.4	189.2	59.5	7.5

Test & Evaluation: from Navy	1105.6	729.2	4221.8	1128.3	1164.4
Test & Evaluation: from Air Force	1.2	0.5	112.2	60.3	13.0
Test & Evaluation: from Other DoD	434.1	282.9	496.7	117.5	72.9
Test & Evaluation: from Other Federal	0	0	79.3	1.1	3.9
Test & Evaluation: from Other non-Federal	0	3.6	61.4	5.6	13.4

8.3.AU.-(DoD740) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	24.6	7.7	1.0	50.1	47.3	0	12.3
Research: from Navy	548.8	146.7	151.4	1080.4	651.0	175.7	588.7
Research: from Air Force	14.6	7.8	1.7	15.5	50.3	0	15.0
Research: from Other DoD	64.6	15.3	9.5	30.6	6.1	0.3	13.0
Research: from Other Federal	10.3	0.1	0.5	1.9			0.4
Research: from Other non-Federal	8.0	0.7	1.7	33.3		2.7	49.9
Development & Acquisition: from Army	96.0	30.2	3.8	21.8		0.1	36.2
Development & Acquisition: from Navy	2142.5	572.6	590.9	1299.5	750.4	236.9	1743.8
Development & Acquisition: from Air Force	56.9	30.6	6.6	31.9	19.0	2.5	17.0
Development & Acquisition: from Other DoD	252.1	59.6	37.0	94.3	11.1	0.9	41.3
Development & Acquisition: from Other Federal	40.2	0.6	2.0	8.8		0.1	2.8
Development &	31.2	2.8	6.8	71.0	0.3	80.2	48.7

Acquisition: from Other non-Federal							
Test & Evaluation: from Army	104.4	32.8	4.1	23.8		0.1	88.0
Test & Evaluation: from Navy	2328.8	622.4	642.3	1396.7	762.8	195.9	2897.7
Test & Evaluation: from Air Force	61.9	33.3	7.2	31.5	20.3	0.7	36.0
Test & Evaluation: from Other DoD	274.0	64.8	40.2	111.8	29.6	1.7	78.0
Test & Evaluation: from Other Federal	43.7	0.6	2.2	9.5		0.1	1.9
Test & Evaluation: from Other non-Federal	33.9	3.1	7.4	86.7		103.6	121.6

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	1.1		24.6	7.7	1.0
Research: from Navy	197.6	158.7	548.8	146.7	151.4
Research: from Air Force	0.2	0.1	14.6	7.8	1.7
Research: from Other DoD	7.5	3.6	64.6	15.3	9.5
Research: from Other Federal			10.3	0.1	0.5
Research: from Other non-Federal		17.1	8.0	0.7	1.7
Development & Acquisition: from Army	0.4	1.0	96.0	30.2	3.8
Development & Acquisition: from Navy	809.8	480.9	2142.5	572.6	590.9
Development & Acquisition: from Air Force	3.5	0.1	56.9	30.6	6.6
Development & Acquisition: from Other DoD	30.7	8.1	252.1	59.6	37.0
Development & Acquisition: from Other Federal			40.2	0.6	2.0

Development & Acquisition: from Other non-Federal		22.5	31.2	2.8	6.8
Test & Evaluation: from Army	0.5	3.3	104.4	32.8	4.1
Test & Evaluation: from Navy	1409.7	763.9	2328.8	622.4	642.3
Test & Evaluation: from Air Force	9.3	0.3	61.9	33.3	7.2
Test & Evaluation: from Other DoD	74.4	21.1	274.0	64.8	40.2
Test & Evaluation: from Other Federal			43.7	0.6	2.2
Test & Evaluation: from Other non-Federal		67.6	33.9	3.1	7.4

8.3.AV.-(DoD741) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	1379.3	433.5	54.8	442.9	47.3	106.3	392.7
Research: from Navy	30779.2	8226.3	8489.1	27497.9	10380.4	6318.3	37931.2
Research: from Air Force	817.7	439.7	94.7	355.6	141.5	24.4	219.1
Research: from Other DoD	3621.1	856.8	531.4	3037.3	234.5	960.8	6495.3
Research: from Other Federal	578.0	8.0	28.7	163.4	1.1	21.7	112.8
Research: from Other non-Federal	447.9	40.5	97.3	143.2	2.8	27.0	368.9
Development & Acquisition: from Army	5384.8	1692.5	213.9	8492.4	471.2	3991.2	17273.3
Development & Acquisition: from Navy	120161.9	32115.5	33141.7	152767.7	70296.5	37731.3	108179.4
Development & Acquisition: from Air Force	3192.1	1716.5	369.7	2860.0	483.5	1364.6	5619.1
Development & Acquisition: from Other	14136.7	3345.1	2074.8	29819.3	2017.8	4850.2	56369.4

DoD							
Development & Acquisition: from Other Federal	2256.4	31.1	112.2	2500.0	80.6	1060.1	7799.9
Development & Acquisition: from Other non-Federal	1748.7	158.2	380.0	800.9	11.6	359.9	3199.7
Test & Evaluation: from Army	5853.2	1839.7	232.5	2604.9	161.5	693.1	3252.0
Test & Evaluation: from Navy	130614.8	34909.2	36024.7	96368.5	33389.4	19686.2	83235.1
Test & Evaluation: from Air Force	3469.8	1865.8	401.8	1458.0	242.7	306.1	1557.4
Test & Evaluation: from Other DoD	15366.5	3636.1	2255.2	10846.1	507.8	955.2	12069.3
Test & Evaluation: from Other Federal	2452.7	33.8	121.9	1062.1	85.2	207.0	1303.4
Test & Evaluation: from Other non-Federal	1900.8	172.0	413.1	690.5	7.6	134.7	1146.0

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K) ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	59.2	97.4	1379.3	433.5	54.8
Research: from Navy	22375.0	10436.1	30779.2	8226.3	8489.1
Research: from Air Force	16.8	21.5	817.7	439.7	94.7
Research: from Other DoD	12247.1	14466.3	3621.1	856.8	531.4
Research: from Other Federal	0.1	8.6	578.0	8.0	28.7
Research: from Other non-Federal		240.8	447.9	40.5	97.3
Development & Acquisition: from Army	1416.5	4760.6	5384.8	1692.5	213.9
Development & Acquisition: from Navy	68165.1	59232.4	120161.9	32115.5	33141.7
Development & Acquisition: from Air Force	756.2	750.4	3192.1	1716.5	369.7
Development &	5190.1	4123.9	14136.7	3345.1	2074.8

Acquisition: from Other DoD					
Development & Acquisition: from Other Federal	147.5	892.9	2256.4	31.1	112.2
Development & Acquisition: from Other non-Federal	58.9	2225.4	1748.7	158.2	380.0
Test & Evaluation: from Army	142.8	1069.8	5853.2	1839.7	232.5
Test & Evaluation: from Navy	40017.1	31911.0	130614.8	34909.2	36024.7
Test & Evaluation: from Air Force	232.1	201.6	3469.8	1865.8	401.8
Test & Evaluation: from Other DoD	4662.7	4363.1	15366.5	3636.1	2255.2
Test & Evaluation: from Other Federal	3.6	130.2	2452.7	33.8	121.9
Test & Evaluation: from Other non-Federal	143.1	577.4	1900.8	172.0	413.1

8.3.AW.-(DoD742) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	0	0	0	0	0	0	0
Research: from Navy	0	0	0	0	0	0	0
Research: from Air Force	0	0	0	0	0	0	0
Research: from Other DoD	0	0	0	0	0	0	0
Research: from Other Federal	0	0	0	0	0	0	0
Research: from Other non-Federal	0	0	0	0	0	0	0
Development & Acquisition: from Army	0	0	0	0	0	0	0
Development & Acquisition: from Navy	0	0	0	0	0	0	0

Development & Acquisition: from Air Force	0	0	0	0	0	0	0
Development & Acquisition: from Other DoD	0	0	0	0	0	0	0
Development & Acquisition: from Other Federal	0	0	0	0	0	0	0
Development & Acquisition: from Other non-Federal	0	0	0	0	0	0	0
Test & Evaluation: from Army	0	0	0	0	0	0	0
Test & Evaluation: from Navy	0	0	0	0	0	0	0
Test & Evaluation: from Air Force	0	0	0	0	0	0	0
Test & Evaluation: from Other DoD	0	0	0	0	0	0	0
Test & Evaluation: from Other Federal	0	0	0	0	0	0	0
Test & Evaluation: from Other non-Federal	0	0	0	0	0	0	0

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	0	0	0	0	0
Research: from Navy	0	0	0	0	0
Research: from Air Force	0	0	0	0	0
Research: from Other DoD	0	0	0	0	0
Research: from Other Federal	0	0	0	0	0
Research: from Other non-Federal	0	0	0	0	0
Development & Acquisition: from Army	0	0	0	0	0
Development &	0	0	0	0	0

Acquisition: from Navy					
Development & Acquisition: from Air Force	0	0	0	0	0
Development & Acquisition: from Other DoD	0	0	0	0	0
Development & Acquisition: from Other Federal	0	0	0	0	0
Development & Acquisition: from Other non-Federal	0	0	0	0	0
Test & Evaluation: from Army	0	0	0	0	0
Test & Evaluation: from Navy	0	0	0	0	0
Test & Evaluation: from Air Force	0	0	0	0	0
Test & Evaluation: from Other DoD	0	0	0	0	0
Test & Evaluation: from Other Federal	0	0	0	0	0
Test & Evaluation: from Other non-Federal	0	0	0	0	0

8.3.AX.-(DoD743) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	93.2	29.3	3.7	311.1	294.3	0.4	77.7
Research: from Navy	2078.8	555.6	573.3	5350.1	3075.9	927.4	4099.8
Research: from Air Force	55.2	29.7	6.4	60.8	190.1	1.5	95.5
Research: from Other DoD	244.6	57.9	35.9	181.8	36.5	3.2	87.5
Research: from Other Federal	39.0	0.5	1.9	10.8	124.0	0.1	1.3
Research: from Other	30.3	2.7	6.6	233.5	0.1	18.8	340.3

non-Federal							
Development & Acquisition: from Army	363.7	114.3	14.4	277.7	271.0	4.6	512.7
Development & Acquisition: from Navy	8115.6	2169.0	2238.4	8704.2	6006.7	2314.3	9771.9
Development & Acquisition: from Air Force	215.6	115.9	25.0	114.7	123.1	13.9	49.0
Development & Acquisition: from Other DoD	954.8	225.9	140.1	587.4	63.3	46.0	359.8
Development & Acquisition: from Other Federal	152.4	2.1	7.6	50.3	263.4	0.7	6.4
Development & Acquisition: from Other non-Federal	118.1	10.7	25.7	100.9	0.9	16.5	140.5
Test & Evaluation: from Army	395.3	124.3	15.7	170.3	77.2	1.7	131.7
Test & Evaluation: from Navy	8821.6	2357.7	2433.1	5796.9	2802.4	1059.9	5395.5
Test & Evaluation: from Air Force	234.3	126.0	27.1	86.1	70.0	6.4	54.6
Test & Evaluation: from Other DoD	1037.8	245.6	152.3	552.0	65.9	10.8	179.6
Test & Evaluation: from Other Federal	165.7	2.3	8.2	50.6	38.7	0.6	6.6
Test & Evaluation: from Other non-Federal	128.4	11.6	27.9	95.0	0.3	12.0	126.7

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	3.9	0.1	93.2	29.3	3.7
Research: from Navy	2015.0	838.9	2078.8	555.6	573.3
Research: from Air Force	0.5	0.4	55.2	29.7	6.4
Research: from Other DoD	41.5	22.8	244.6	57.9	35.9
Research: from Other Federal			39.0	0.5	1.9

Research: from Other non-Federal		118.4	30.3	2.7	6.6
Development & Acquisition: from Army	448.0	59.0	363.7	114.3	14.4
Development & Acquisition: from Navy	5198.9	2279.8	8115.6	2169.0	2238.4
Development & Acquisition: from Air Force	2.2	16.5	215.6	115.9	25.0
Development & Acquisition: from Other DoD	112.8	75.6	954.8	225.9	140.1
Development & Acquisition: from Other Federal			152.4	2.1	7.6
Development & Acquisition: from Other non-Federal	3.1	28.5	118.1	10.7	25.7
Test & Evaluation: from Army	84.7	10.4	395.3	124.3	15.7
Test & Evaluation: from Navy	2936.4	1499.5	8821.6	2357.7	2433.1
Test & Evaluation: from Air Force	4.7	14.1	234.3	126.0	27.1
Test & Evaluation: from Other DoD	95.1	50.2	1037.8	245.6	152.3
Test & Evaluation: from Other Federal			165.7	2.3	8.2
Test & Evaluation: from Other non-Federal	3.2	36.4	128.4	11.6	27.9

8.3.AY.-(DoD744) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	102.7	32.3	4.1	59.9	16.7	0.2	40.5
Research: from Navy	2292.2	612.6	632.2	2522.4	2083.6	301.3	3199.5
Research: from Air Force	60.9	32.7	7.1	41.2	23.0	0.9	51.8

Research: from Other DoD	269.7	63.8	39.6	179.8	61.5	3.9	130.9
Research: from Other Federal	43.0	0.6	2.1	12.7		0.1	2.4
Research: from Other non-Federal	33.4	3.0	7.2	16.9	0.2	0.0	16.3
Development & Acquisition: from Army	401.0	126.0	15.9	160.6	16.4	2.8	119.5
Development & Acquisition: from Navy	8948.6	2391.7	2468.1	8800.6	4329.2	1162.5	9750.6
Development & Acquisition: from Air Force	237.7	127.8	27.5	157.5	57.7	4.4	85.2
Development & Acquisition: from Other DoD	1052.8	249.1	154.5	585.2	89.8	12.6	234.6
Development & Acquisition: from Other Federal	168.0	2.3	8.4	54.9		0.6	9.2
Development & Acquisition: from Other non-Federal	130.2	11.8	28.3	104.4	0.4	5.5	90.0
Test & Evaluation: from Army	435.9	137.0	17.3	198.0	4.9	7.7	230.3
Test & Evaluation: from Navy	9727.0	2599.7	2682.8	11846.5	2052.4	3133.3	10576.4
Test & Evaluation: from Air Force	258.4	139.0	29.9	205.6	19.0	1.4	337.2
Test & Evaluation: from Other DoD	1144.4	270.8	168.0	608.3	24.7	10.0	269.3
Test & Evaluation: from Other Federal	182.7	2.5	9.1	60.3	12.3	0.6	9.9
Test & Evaluation: from Other non-Federal	141.6	12.8	30.8	213.3	7.4	13.6	155.4

	FY02 Extramural execution within DoD ($K)	**FY02 Extramural execution outside DoD ($K)**	**FY03 Intramural Execution ($K)**	**FY03 Extramural execution within DoD ($K)**	**FY03 Extramural execution outside DoD ($K)**
Research: from Army	11.9	1.3	102.7	32.3	4.1
Research: from Navy	1476.6	855.3	2292.2	612.6	632.2
Research: from Air	4.9	5.9	60.9	32.7	7.1

Force					
Research: from Other DoD	122.7	7.6	269.7	63.8	39.6
Research: from Other Federal			43.0	0.6	2.1
Research: from Other non-Federal		2.1	33.4	3.0	7.2
Development & Acquisition: from Army	13.2	4.6	401.0	126.0	15.9
Development & Acquisition: from Navy	4319.5	2333.4	8948.6	2391.7	2468.1
Development & Acquisition: from Air Force	9.7	1.7	237.7	127.8	27.5
Development & Acquisition: from Other DoD	105.7	17.9	1052.8	249.1	154.5
Development & Acquisition: from Other Federal			168.0	2.3	8.4
Development & Acquisition: from Other non-Federal	11.0	10.6	130.2	11.8	28.3
Test & Evaluation: from Army	1.9	12.9	435.9	137.0	17.3
Test & Evaluation: from Navy	2406.9	4137.6	9727.0	2599.7	2682.8
Test & Evaluation: from Air Force	10.0	4.7	258.4	139.0	29.9
Test & Evaluation: from Other DoD	40.3	11.2	1144.4	270.8	168.0
Test & Evaluation: from Other Federal			182.7	2.5	9.1
Test & Evaluation: from Other non-Federal	15.7	14.1	141.6	12.8	30.8

8.3.AZ.-(DoD745) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural	Peak Year Extramural execution within DoD	Peak Year Extramural execution outside	FY01 Intramural	FY01 Extramural execution within DoD	FY01 Extramural execution outside	FY02 Intramural

	Execution ($K)	($K)	DoD ($K)	Execution ($K)	($K)	DoD ($K)	Execution ($K)
Research: from Army	3.3	1.0	0.1	1.2			0.2
Research: from Navy	72.7	19.4	20.1	74.6	14.5	6.8	19.2
Research: from Air Force	1.9	1.0	0.2	13.9	0.2		0.1
Research: from Other DoD	8.6	2.0	1.3	6.5	0.1		0.6
Research: from Other Federal	1.4	0.0	0.1	0.7			0.1
Research: from Other non-Federal	1.1	0.1	0.2	0.6		0.1	0.2
Development & Acquisition: from Army	12.7	4.0	0.5	5.6		0	0.9
Development & Acquisition: from Navy	283.8	75.9	78.3	358.9	89.0	46.7	178.3
Development & Acquisition: from Air Force	7.5	4.1	0.9	41.5	0.8		1.9
Development & Acquisition: from Other DoD	33.4	7.9	4.9	30.1	1.3	0.2	3.6
Development & Acquisition: from Other Federal	5.3	0.1	0.3	3.1			0.2
Development & Acquisition: from Other non-Federal	4.1	0.4	0.9	2.5		0.4	1.0
Test & Evaluation: from Army	13.8	4.3	0.5	33.3	14.6	0.1	53.6
Test & Evaluation: from Navy	308.5	82.5	85.1	886.6	295.3	277.2	438.7
Test & Evaluation: from Air Force	8.2	4.4	0.9	21.0	0.9	0	2.9
Test & Evaluation: from Other DoD	36.3	8.6	5.3	51.2	9.6	0.2	28.1
Test & Evaluation: from Other Federal	5.8	0.1	0.3	10.3		0.0	0.4
Test & Evaluation: from Other non-Federal	4.5	0.4	1.0	22.1	22.3	0.4	34.4
	FY02 Extramural	FY02 Extramural	FY03 Intramural	FY03 Extramural	FY03 Extramural		

	execution within DoD ($K)	execution outside DoD ($K)	Execution ($K)	execution within DoD ($K)	execution outside DoD ($K)
Research: from Army	0		3.3	1.0	0.1
Research: from Navy	8.1	7.0	72.7	19.4	20.1
Research: from Air Force	0	0.0	1.9	1.0	0.2
Research: from Other DoD	0.2	0.1	8.6	2.0	1.3
Research: from Other Federal			1.4	0.0	0.1
Research: from Other non-Federal		0.1	1.1	0.1	0.2
Development & Acquisition: from Army			12.7	4.0	0.5
Development & Acquisition: from Navy	69.8	61.5	283.8	75.9	78.3
Development & Acquisition: from Air Force	1.8	0.1	7.5	4.1	0.9
Development & Acquisition: from Other DoD	1.5	0.2	33.4	7.9	4.9
Development & Acquisition: from Other Federal			5.3	0.1	0.3
Development & Acquisition: from Other non-Federal		0.3	4.1	0.4	0.9
Test & Evaluation: from Army	0.6	0.0	13.8	4.3	0.5
Test & Evaluation: from Navy	196.5	190.6	308.5	82.5	85.1
Test & Evaluation: from Air Force	0.1	0.0	8.2	4.4	0.9
Test & Evaluation: from Other DoD	2.1	0.2	36.3	8.6	5.3
Test & Evaluation: from Other Federal			5.8	0.1	0.3
Test & Evaluation: from Other non-Federal	3.5	0.2	4.5	0.4	1.0

8.3.AAA.-(DoD746) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. For the function identified provide the funding for three years (FY01, FY02, FY03) and the peak funding year (from FY94 through FY03) for RDTE&A funding received at the location. The peak funding year could be FY01 or FY02 or FY03.

	Peak Year Intramural Execution ($K)	Peak Year Extramural execution within DoD ($K)	Peak Year Extramural execution outside DoD ($K)	FY01 Intramural Execution ($K)	FY01 Extramural execution within DoD ($K)	FY01 Extramural execution outside DoD ($K)	FY02 Intramural Execution ($K)
Research: from Army	42.1	13.2	1.7	30.7	21.0	0.1	9.9
Research: from Navy	940.2	251.3	259.3	1382.6	720.6	366.8	1372.8
Research: from Air Force	25.0	13.4	2.9	18.1	14.7	0.1	14.8
Research: from Other DoD	110.6	26.2	16.2	65.1	8.8	3.3	21.6
Research: from Other Federal	17.7	0.2	0.9	5.1		0.1	0.8
Research: from Other non-Federal	13.7	1.2	3.0	19.5		1.9	27.6
Development & Acquisition: from Army	164.5	51.7	6.5	45.0		1.6	19.7
Development & Acquisition: from Navy	3670.4	981.0	1012.3	2877.7	1515.8	494.8	2764.3
Development & Acquisition: from Air Force	97.5	52.4	11.3	50.0	6.4		22.7
Development & Acquisition: from Other DoD	431.8	102.2	63.4	246.6	26.3	10.3	73.0
Development & Acquisition: from Other Federal	68.9	1.0	3.4	23.5		0.3	3.6
Development & Acquisition: from Other non-Federal	53.4	4.8	11.6	13.3	0.6	0.5	17.5
Test & Evaluation: from Army	178.8	56.2	7.1	141.1	7.8	6.3	203.5
Test & Evaluation: from Navy	3989.7	1066.3	1100.4	4750.2	1202.6	1867.0	4142.9
Test & Evaluation: from Air Force	106.0	57.0	12.3	173.0	10.4	9.2	362.3
Test & Evaluation: from Other DoD	469.4	111.1	68.9	314.6	17.8	6.8	267.9

Test & Evaluation: from Other Federal	74.9	1.0	3.7	25.2		0.3	3.8
Test & Evaluation: from Other non-Federal	58.1	5.3	12.6	165.5	0.3	2.8	143.3

	FY02 Extramural execution within DoD ($K)	FY02 Extramural execution outside DoD ($K)	FY03 Intramural Execution ($K)	FY03 Extramural execution within DoD ($K)	FY03 Extramural execution outside DoD ($K)
Research: from Army	0.4	0.8	42.1	13.2	1.7
Research: from Navy	824.9	323.8	940.2	251.3	259.3
Research: from Air Force	2.7	2.5	25.0	13.4	2.9
Research: from Other DoD	11.3	4.6	110.6	26.2	16.2
Research: from Other Federal			17.7	0.2	0.9
Research: from Other non-Federal		9.2	13.7	1.2	3.0
Development & Acquisition: from Army	0.7	3.8	164.5	51.7	6.5
Development & Acquisition: from Navy	1273.3	749.6	3670.4	981.0	1012.3
Development & Acquisition: from Air Force	9.6	8.9	97.5	52.4	11.3
Development & Acquisition: from Other DoD	36.2	12.2	431.8	102.2	63.4
Development & Acquisition: from Other Federal			68.9	1.0	3.4
Development & Acquisition: from Other non-Federal	1.4	3.7	53.4	4.8	11.6
Test & Evaluation: from Army	0.7	18.0	178.8	56.2	7.1
Test & Evaluation: from Navy	1266.1	2792.9	3989.7	1066.3	1100.4
Test & Evaluation: from Air Force	3.5	49.5	106.0	57.0	12.3
Test & Evaluation: from	34.5	10.2	469.4	111.1	68.9

Other DoD					
Test & Evaluation: from Other Federal			74.9	1.0	3.7
Test & Evaluation: from Other non-Federal	1.4	3.6	58.1	5.3	12.6

8.3.AAB.-(DoD747)
N/A

8.3.AAC.-(DoD748) Answer the following question if research, development, test, evaluation or acquisition functions are done at your location. Complete the following table for six categories of test resources

Test Resource name or description (include unique identifier) (Text)	Test Resource Category (List) ()Installed System Test ()Measurement ()Open Air Ranges ()Digital Modeling & Simulation ()Hardware in the Loop ()Integration Laboratory	Technical Capability Area (List)()Air Platforms (Air Combat) ()Chemical & Biological Defense ()Information Systems Technology (C4ISR) ()Ground Vehicles (Land Combat) ()Sea Vehicles (Sea Combat) ()Materials & Processes ()Biomedical ()Sensors, Electronics, and Electronic Warfare ()Space Platforms (Space Combat & Ballistic Mis ()Human Systems ()Weapons (Munitions & Armaments + Direct Energ ()Nuclear Technology ()Battlespace Environments	Year of largest # of test hours in current configuration (Max Yr) (YYYY)	Test hours done in Max Yr (Hrs)	FY01 Test Hours (Hrs)	FY02 Test Hours (Hrs)	FY03 Test Hours (Hrs)
ACETEF facility and laboratories: B2109 / B2067 (Manned Flight Simulation, HPC, Instrumentation, Communication Navigation IFF, Electronic Warfare, IR/Radar, Warfare Simulation, Operations and Control and Threat Air Defense Laboratories)Provides state-of-the-art, fully	(X)Digital Modeling & Simulation	(X)Air Platforms (Air Combat)	1999	1082.0	406.0	363.0	48.0

integrated modeling, simulation, and stimulation capability for the RDTE&A of highly integrated aircraft, self defense, and weapons systems, including electronic combat and warfare systems. Features include multi-level classification capability, fully integrated multi-spectral stimulation laboratories, high-fidelity pilot-in-the-loop cockpits/visual systems, TSWA/SCIF facilities (including ability to include aircraft/vehicles/systems), RF and Fiber links to Anechoic Chambers and Shielded Hangar and close proximity to aircraft/weapons test areas and chambers. The ACETEF proves to be an important pool in supporting simulation based acquisition with a continuity of models from constructive simulation to installed systems testing. The primary capability at ACETEF is Installed Systems Capabilities but Digital Modeling and Simulation and Hardware in the Loop capabilities are also							

major capabilities.							
ACETEF facility and laboratories: B2109 / B2067 (Manned Flight Simulation, HPC, Instrumentation, Communication Navigation IFF, Electronic Warfare, IR/Radar, Warfare Simulation, Operations and Control and Threat Air Defense Laboratories)Provides state-of-the-art, fully integrated modeling, simulation, and stimulation capability for the RDTE&A of highly integrated aircraft, self defense, and weapons systems, including electronic combat and warfare systems. Features include multi-level classification capability, fully integrated multi-spectral stimulation laboratories, high-fidelity pilot-in-the-loop cockpits/visual systems, TSWA/SCIF facilities (including ability to include aircraft/vehicles/systems), RF and Fiber links to Anechoic Chambers and Shielded Hangar and close proximity to aircraft/weapons test areas and chambers.	(X)Digital Modeling & Simulation	(X)Human Systems	2002	140.0	138.0	140.0	126.0

The ACETEF proves to be an important pool in supporting simulation based acquisition with a continuity of models from constructive simulation to installed systems testing. The primary capability at ACETEF is Installed Systems Capabilities but Digital Modeling and Simulation and Hardware in the Loop capabilities are also major capabilities.							
ACETEF facility and laboratories: B2109 / B2067 (Manned Flight Simulation, HPC, Instrumentation, Communication Navigation IFF, Electronic Warfare, IR/Radar, Warfare Simulation, Operations and Control and Threat Air Defense Laboratories)Provides state-of-the-art, fully integrated modeling, simulation, and stimulation capability for the RDTE&A of highly integrated aircraft, self defense, and weapons systems, including electronic combat and warfare systems. Features include multi-level classification capability, fully integrated multi-spectral	(X)Digital Modeling & Simulation	(X)Information Systems Technology (C4ISR)	2001	389.0	389.0	0	0

stimulation laboratories, high-fidelity pilot-in-the-loop cockpits/visual systems, TSWA/SCIF facilities (including ability to include aircraft/vehicles/systems), RF and Fiber links to Anechoic Chambers and Shielded Hangar and close proximity to aircraft/weapons test areas and chambers. The ACETEF proves to be an important pool in supporting simulation based acquisition with a continuity of models from constructive simulation to installed systems testing. The primary capability at ACETEF is Installed Systems Capabilities but Digital Modeling and Simulation and Hardware in the Loop capabilities are also major capabilities.							
ACETEF facility and laboratories: B2109 / B2067 (Manned Flight Simulation, HPC, Instrumentation, Communication Navigation IFF, Electronic Warfare, IR/Radar, Warfare Simulation, Operations and Control and Threat Air Defense	(X)Hardware in the Loop	(X)Air Platforms (Air Combat)	1999	3195.0	1723.0	1583.0	1958.0

Laboratories)Provides state-of-the-art, fully integrated modeling, simulation, and stimulation capability for the RDTE&A of highly integrated aircraft, self defense, and weapons systems, including electronic combat and warfare systems. Features include multi-level classification capability, fully integrated multi-spectral stimulation laboratories, high-fidelity pilot-in-the-loop cockpits/visual systems, TSWA/SCIF facilities (including ability to include aircraft/vehicles/systems), RF and Fiber links to Anechoic Chambers and Shielded Hangar and close proximity to aircraft/weapons test areas and chambers. The ACETEF proves to be an important pool in supporting simulation based acquisition with a continuity of models from constructive simulation to installed systems testing. The primary capability at ACETEF is Installed Systems Capabilities but Digital Modeling and Simulation and							

Hardware in the Loop capabilities are also major capabilities.							
ACETEF facility and laboratories: B2109 / B2067 (Manned Flight Simulation, HPC, Instrumentation, Communication Navigation IFF, Electronic Warfare, IR/Radar, Warfare Simulation, Operations and Control and Threat Air Defense Laboratories)Provides state-of-the-art, fully integrated modeling, simulation, and stimulation capability for the RDTE&A of highly integrated aircraft, self defense, and weapons systems, including electronic combat and warfare systems. Features include multi-level classification capability, fully integrated multi-spectral stimulation laboratories, high-fidelity pilot-in-the-loop cockpits/visual systems, TSWA/SCIF facilities (including ability to include aircraft/vehicles/systems), RF and Fiber links to Anechoic Chambers and Shielded Hangar and close proximity to	(X)Installed System Test	(X)Air Platforms (Air Combat)	2003	5022.3	3714.1	4583.9	5022.3

aircraft/weapons test areas and chambers. The ACETEF proves to be an important pool in supporting simulation based acquisition with a continuity of models from constructive simulation to installed systems testing. The primary capability at ACETEF is Installed Systems Capabilities but Digital Modeling and Simulation and Hardware in the Loop capabilities are also major capabilities.							
ACETEF facility and laboratories: B2109 / B2067 (Manned Flight Simulation, HPC, Instrumentation, Communication Navigation IFF, Electronic Warfare, IR/Radar, Warfare Simulation, Operations and Control and Threat Air Defense Laboratories)Provides state-of-the-art, fully integrated modeling, simulation, and stimulation capability for the RDTE&A of highly integrated aircraft, self defense, and weapons systems, including electronic combat and warfare systems. Features include multi-level classification	(X)Installed System Test	(X)Information Systems Technology (C4ISR)	2003	88.1	65.2	80.4	88.1

capability, fully integrated multi-spectral stimulation laboratories, high-fidelity pilot-in-the-loop cockpits/visual systems, TSWA/SCIF facilities (including ability to include aircraft/vehicles/systems), RF and Fiber links to Anechoic Chambers and Shielded Hangar and close proximity to aircraft/weapons test areas and chambers. The ACETEF proves to be an important pool in supporting simulation based acquisition with a continuity of models from constructive simulation to installed systems testing. The primary capability at ACETEF is Installed Systems Capabilities but Digital Modeling and Simulation and Hardware in the Loop capabilities are also major capabilities.							
ACETEF facility and laboratories: B2109 / B2067 (Manned Flight Simulation, HPC, Instrumentation, Communication Navigation IFF, Electronic Warfare, IR/Radar, Warfare Simulation, Operations	(X)Installed System Test	(X)Sensors, Electronics, and Electronic Warfare	2003	3612.5	2671.6	3297.2	3612.5

and Control and Threat Air Defense Laboratories)Provides state-of-the-art, fully integrated modeling, simulation, and stimulation capability for the RDTE&A of highly integrated aircraft, self defense, and weapons systems, including electronic combat and warfare systems. Features include multi-level classification capability, fully integrated multi-spectral stimulation laboratories, high-fidelity pilot-in-the-loop cockpits/visual systems, TSWA/SCIF facilities (including ability to include aircraft/vehicles/systems), RF and Fiber links to Anechoic Chambers and Shielded Hangar and close proximity to aircraft/weapons test areas and chambers. The ACETEF proves to be an important pool in supporting simulation based acquisition with a continuity of models from constructive simulation to installed systems testing. The primary capability at ACETEF is Installed Systems Capabilities							

but Digital Modeling and Simulation and Hardware in the Loop capabilities are also major capabilities.							
.ACETEF facility and laboratories: B2109 / B2067 (Manned Flight Simulation, HPC, Instrumentation, Communication Navigation IFF, Electronic Warfare, IR/Radar, Warfare Simulation, Operations and Control and Threat Air Defense Laboratories)Provides state-of-the-art, fully integrated modeling, simulation, and stimulation capability for the RDTE&A of highly integrated aircraft, self defense, and weapons systems, including electronic combat and warfare systems. Features include multi-level classification capability, fully integrated multi-spectral stimulation laboratories, high-fidelity pilot-in-the-loop cockpits/visual systems, TSWA/SCIF facilities (including ability to include aircraft/vehicles/systems), RF and Fiber links to Anechoic Chambers	(X)Installed System Test	(X)Weapons (Munitions & Armaments + Direct Energ	2003	88.1	65.2	80.4	88.1

and Shielded Hangar and close proximity to aircraft/weapons test areas and chambers. The ACETEF proves to be an important pool in supporting simulation based acquisition with a continuity of models from constructive simulation to installed systems testing. The primary capability at ACETEF is Installed Systems Capabilities but Digital Modeling and Simulation and Hardware in the Loop capabilities are also major capabilities.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low	(X)Digital Modeling & Simulation	(X)Air Platforms (Air Combat)	2003	0	0	0	125.0

speed approach handling qualities, control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The collocation at Pax River of Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT	(X)Hardware in the Loop	(X)Air Platforms (Air Combat)	2003	1440.0	1440.0	1440.0	1440.0

CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper							

control and release of various store combinations. The collocation at Pax River of Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach	(X)Installed System Test	(X)Air Platforms (Air Combat)	2003	1748.0	521.0	1737.0	1748.0

handling qualities, control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The collocation at Pax River of Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS	(X)Installed System Test	(X)Ground Vehicles (Land Combat)	2003	20.0	0	19.0	20.0

This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of							

various store combinations. The collocation at Pax River and Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities,	(X)Installed System Test	(X)Sensors, Electronics, and Electronic Warfare	2003	100.0	0	95.0	100.0

control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The collocation at Pax River and Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource	(X)Installed System Test	(X)Weapons (Munitions & Armaments + Direct Energ	2003	200.0	0	190.0	200.0

includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store							

combinations. The collocation at Pax River and Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission	(X)Integration Laboratory	(X)Air Platforms (Air Combat)	2003	187.0	0	0	187.0

performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The collocation at Pax River and Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test	(X)Measurement	(X)Air Platforms (Air Combat)	2003	3300.0	2820.0	3120.0	3300.0

Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The							

collocation at Pax River and Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission performance evaluation	(X)Measurement	(X)Chemical & Biological Defense	2003	150.0	120.0	140.0	150.0

capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The collocation at Pax River and Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer	(X)Measurement	(X)Human Systems	2003	550.0	470.0	520.0	550.0

Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The collocation at Pax River							

and Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission performance evaluation capabilities, and the	(X)Measurement	(X)Sensors, Electronics, and Electronic Warfare	2003	400.0	350.0	380.0	400.0

Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The collocation at Pax River and Navy aircraft, and the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
AIR VEHICLE RDTE&A FLIGHT CHARACTERISTICS This Test Resource includes the Aero Test Facility, Aero Computer Lab, Flight Dynamics	(X)Measurement	(X)Weapons (Munitions & Armaments + Direct Energ	2003	1100.0	940.0	1040.0	1100.0

Lab, Aircraft Stores Certification Test Facility, Flight Control Lab, and provides Navy Air Vehicle aeromechanics engineering test, prediction, and analysis for RDTE&A, and in-service Fleet mishap investigation needs of Naval aviation. It includes support for Ship-wake/Aircraft interaction effects, aircraft to carrier low speed approach handling qualities, control and mission performance evaluation capabilities, and the Stores Certificaion Test Facility which simulates input and output for all weapon release system components and analyzes the compatibility of the interface between aircraft and stores, conducts pre-flight weapon systems evaluation and post-flight trouble-shooting, and determines the store functional sequences allowing for proper control and release of various store combinations. The collocation at Pax River and Navy aircraft, and							

the Test Squadrons (with Fleet experienced test aircrew & test aircraft representatives of virtually all Fleet aircraft), Aircraft Ship/Carrier Suitability, ACETEF, & ATR Test Resources located in a maritime littoral environment provides a composite full spectrum Navy RDTE&A aircraft capability.							
Maritime Air Vehicle RDTE&A Structures & Materials Provides the Navy Air Vehicle structures and materials engineering test, prediction, and analysis for the R&D , design, development, acquisition, and in-service Fleet mishap investigation needs of Naval aviation. Aircraft structures and materials are assessed for their ability to endure exposure to arrested landings, catapult take-offs, and acidified salt fog indicative of the carrier deck environment. Design and support issues associated with the pecularities of maritime operations are considered. Structural engineering functions include ground testing	(X)Measurement	(X)Air Platforms (Air Combat)	2001	546.0	546.0	486.0	531.0

and structural airborne instrumentation. Includes: installation of strain gages, calibration of structural components, structural ground testing, and witnessing of testing at other facilities. Conducts single or multiple axis loading up to 200,000 pounds force. Conducts dynamic testing, control systems simulation, destructive and non-destructive and non-destructive proof loading. Computer aided design, and finite element stress analysis. Material engineering capabilities allow for the synthesis, development, characterization, failure analysis of advanced aerospace materials and processes. Materials laboratory contains 24 state-of-the-art ISO-9001:2000 and 17025 certified laboratories focused on the unique needs of naval aviation. These facilities allow the laboratory to support full life cycle S&T, development, safety-of-flight certification and							

in-service engineering of polymers, composites, metals, ceramics and coatings in support of aerospace systems.							
Maritime Air Vehicle RDTE&A Structures & Materials Provides the Navy Air Vehicle structures and materials engineering test, prediction, and analysis for the R&D , design, development, acquisition, and in-service Fleet mishap investigation needs of Naval aviation. Aircraft structures and materials are assessed for their ability to endure exposure to arrested landings, catapult take-offs, and acidified salt fog indicative of the carrier deck environment. Design and support issues associated with the pecularities of maritime operations are considered. Structural engineering functions include ground testing and structural airborne instrumentation. Includes: installation of strain gages, calibration of structural components, structural ground testing, and witnessing of testing at	(X)Measurement	(X)Materials & Processes	2003	105000.0	100000.0	102500.0	105000.0

other facilities. Conducts single or multiple axis loading up to 200,000 pounds force. Conducts dynamic testing, control systems simulation, destructive and non-destructive and non-destructive proof loading. Computer aided design, and finite element stress analysis. Material engineering capabilities allow for the synthesis, development, characterization, failure analysis of advanced aerospace materials and processes. Materials laboratory contains 24 state-of-the-art ISO-9001:2000 and 17025 certified laboratories focused on the unique needs of naval aviation. These facilities allow the laboratory to support full life cycle S&T, development, safety-of-flight certification and in-service engineering of polymers, composites, metals, ceramics and coatings in support of aerospace systems.							
Air Vehicle RDTE&A Systems Provides test,	(X)Digital Modeling & Simulation	(X)Air Platforms (Air Combat)	2003	8699.9	4578.9	7478.9	8699.9

evaluation and qualification functions for naval avaition subsystems which operate in the maritime/carrier environment. Simulates ground and in-flight fires, which allows research, development, test and evaluation of systems that protect engines nacelles, dry bays and cabin areas. Provides ground and in-flight simulation capability of the hydraulic, electrical and mechanical systems associated with aerial refueling systems, which provide an organic tanking capability for Naval Aviation. Provides test, evaluation, and qualification functions for hydraulic components and systems associated with Naval Aviation and provides laboratory services for fleet-event-driven engineering investigations. Provides test, evaluation, and qualification of mechanical systems including internal cargo restraint system designs, airframe bearings, fasteners, and aircraft							

transparencies/canopies. Uses classified computing and communication, including high speed data acquisition system and digital video recording, to assess performance and effectiveness of existing and conceptual warfare systems in the operational environment. Two 300' long firing tunnels support full scale installed aircraft firing tests of guns up to 30 mm. Built in instrumentation and data collection capabilities are co-located with state-of-the-art mass properties measurement equipment for stores up to 2000 lb. Additionally, a stationary ejection rack is provided for test loading and ejected jettison of external stores in all weather conditions. Supports fact-based decisions in the acquisition & sustainment phases of Naval Aviation projects to provide cost-wise readiness.							
Air Vehicle RDTE&A Systems Provides test, evaluation and	(X)Hardware in the Loop	(X)Air Platforms (Air Combat)	2003	5278.0	5120.0	4460.0	5278.0

qualification functions for naval avaition subsystems which operate in the maritime/carrier environment. Simulates ground and in-flight fires, which allows research, development, test and evaluation of systems that protect engines nacelles, dry bays and cabin areas. Provides ground and in-flight simulation capability of the hydraulic, electrical and mechanical systems associated with aerial refueling systems, which provide an organic tanking capability for Naval Aviation. Provides test, evaluation, and qualification functions for hydraulic components and systems associated with Naval Aviation and provides laboratory services for fleet-event-driven engineering investigations. Provides test, evaluation, and qualification of mechanical systems including internal cargo restraint system designs, airframe bearings, fasteners, and aircraft transparencies/canopies							

Uses classified computing and communication, including high speed data acquisition system and digital video recording, to assess performance and effectiveness of existing and conceptual warfare systems in the operational environment. Two 300' long firing tunnels support full scale installed aircraft firing tests of guns up to 30 mm. Built in instrumentation and data collection capabilities are co-located with state-of-the-art mass properties measurement equipment for stores up to 2000 lb. Additionally, a stationary ejection rack is provided for test loading and ejected jettison of external stores in all weather conditions. Supports fact-based decisions in the acquisition & sustainment phases of Naval Aviation projects to provide cost-wise readiness.							
Air Vehicle RDTE&A Systems Provides test, evaluation and qualification functions	(X)Installed System Test	(X)Air Platforms (Air Combat)	1998	0	0	0	0

for naval avaition subsystems which operate in the maritime/carrier environment. Simulates ground and in-flight fires, which allows research, development, test and evaluation of systems that protect engines nacelles, dry bays and cabin areas. Provides ground and in-flight simulation capability of the hydraulic, electrical and mechanical systems associated with aerial refueling systems, which provide an organic tanking capability for Naval Aviation. Provides test, evaluation, and qualification functions for hydraulic components and systems associated with Naval Aviation and provides laboratory services for fleet-event-driven engineering investigations. Provides test, evaluation, and qualification of mechanical systems including internal cargo restraint system designs, airframe bearings, fasteners, and aircraft transparencies/canopies. Uses classified							

computing and communication, including high speed data acquisition system and digital video recording, to assess performance and effectiveness of existing and conceptual warfare systems in the operational environment. Two 300' long firing tunnels support full scale installed aircraft firing tests of guns up to 30 mm. Built in instrumentation and data collection capabilities are co-located with state-of-the-art mass properties measurement equipment for stores up to 2000 lb. Additionally, a stationary ejection rack is provided for test loading and ejected jettison of external stores in all weather conditions. Supports fact-based decisions in the acquisition & sustainment phases of Naval Aviation projects to provide cost-wise readiness.							
Air Vehicle RDTE&A Systems Provides test, evaluation and qualification functions for naval avaition	(X)Installed System Test	(X)Ground Vehicles (Land Combat)	2002	0	0	0	0

subsystems which operate in the maritime/carrier environment. Simulates ground and in-flight fires, which allows research, development, test and evaluation of systems that protect engines nacelles, dry bays and cabin areas. Provides ground and in-flight simulation capability of the hydraulic, electrical and mechanical systems associated with aerial refueling systems, which provide an organic tanking capability for Naval Aviation. Provides test, evaluation, and qualification functions for hydraulic components and systems associated with Naval Aviation and provides laboratory services for fleet-event-driven engineering investigations. Provides test, evaluation, and qualification of mechanical systems including internal cargo restraint system designs, airframe bearings, fasteners, and aircraft transparencies/canopies. Uses classified computing and							

communication, including high speed data acquisition system and digital video recording, to assess performance and effectiveness of existing and conceptual warfare systems in the operational environment. Two 300' long firing tunnels support full scale installed aircraft firing tests of guns up to 30 mm. Built in instrumentation and data collection capabilities are co-located with state-of-the-art mass properties measurement equipment for stores up to 2000 lb. Additionally, a stationary ejection rack is provided for test loading and ejected jettison of external stores in all weather conditions. Supports fact-based decisions in the acquisition & sustainment phases of Naval Aviation projects to provide cost-wise readiness.							
Air Vehicle RDTE&A Systems Provides test, evaluation and qualification functions for naval avaition subsystems which	(X)Installed System Test	(X)Weapons (Munitions & Armaments + Direct Energ	2002	0	0	0	0

operate in the maritime/carrier environment. Simulates ground and in-flight fires, which allows research, development, test and evaluation of systems that protect engines nacelles, dry bays and cabin areas. Provides ground and in-flight simulation capability of the hydraulic, electrical and mechanical systems associated with aerial refueling systems, which provide an organic tanking capability for Naval Aviation. Provides test, evaluation, and qualification functions for hydraulic components and systems associated with Naval Aviation and provides laboratory services for fleet-event-driven engineering investigations. Provides test, evaluation, and qualification of mechanical systems including internal cargo restraint system designs, airframe bearings, fasteners, and aircraft transparencies/canopies. Uses classified computing and communication,							

including high speed data acquisition system and digital video recording, to assess performance and effectiveness of existing and conceptual warfare systems in the operational environment. Two 300' long firing tunnels support full scale installed aircraft firing tests of guns up to 30 mm. Built in instrumentation and data collection capabilities are co-located with state-of-the-art mass properties measurement equipment for stores up to 2000 lb. Additionally, a stationary ejection rack is provided for test loading and ejected jettison of external stores in all weather conditions. Supports fact-based decisions in the acquisition & sustainment phases of Naval Aviation projects to provide cost-wise readiness.							
Air Vehicle RDTE&A Systems Provides test, evaluation and qualification functions for naval avaition subsystems which operate in the	(X)Integration Laboratory	(X)Air Platforms (Air Combat)	2002	480.0	400.0	480.0	460.0

maritime/carrier environment. Simulates ground and in-flight fires, which allows research, development, test and evaluation of systems that protect engines nacelles, dry bays and cabin areas. Provides ground and in-flight simulation capability of the hydraulic, electrical and mechanical systems associated with aerial refueling systems, which provide an organic tanking capability for Naval Aviation. Provides test, evaluation, and qualification functions for hydraulic components and systems associated with Naval Aviation and provides laboratory services for fleet-event-driven engineering investigations. Provides test, evaluation, and qualification of mechanical systems including internal cargo restraint system designs, airframe bearings, fasteners, and aircraft transparencies/canopies. Uses classified computing and communication, including high speed							

data acquisition system and digital video recording, to assess performance and effectiveness of existing and conceptual warfare systems in the operational environment. Two 300' long firing tunnels support full scale installed aircraft firing tests of guns up to 30 mm. Built in instrumentation and data collection capabilities are co-located with state-of-the-art mass properties measurement equipment for stores up to 2000 lb. Additionally, a stationary ejection rack is provided for test loading and ejected jettison of external stores in all weather conditions. Supports fact-based decisions in the acquisition & sustainment phases of Naval Aviation projects to provide cost-wise readiness.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A activities throughout the product lifecycle. The Aircrew Systems Facility supports the	(X)Digital Modeling & Simulation	(X)Air Platforms (Air Combat)	2001	2536.0	2536.0	2185.0	1620.0

entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew, operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary responsibility assessing the performance of military systems, subsystems, and components. This includes the following domains/sub-domains of Human Systems Integration: Human Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress, Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display Integration, User Computer Interface, Design for Maintainer, and Crew Workload.							

While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well as the US Coast Guard.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A activities throughout the product lifecycle. The Aircrew Systems Facility supports the entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew, operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary responsibility assessing the performance of military systems, subsystems, and	(X)Digital Modeling & Simulation	(X)Ground Vehicles (Land Combat)	2003	562.0	362.0	303.0	562.0

components. This includes the following domains/sub-domains of Human Systems Integration: Human Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress, Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display Integration, User Computer Interface, Design for Maintainer, and Crew Workload. While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well as the US Coast Guard.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A activities throughout the product lifecycle. The Aircrew Systems Facility supports the entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with	(X)Digital Modeling & Simulation	(X)Human Systems	2003	1534.0	666.0	897.0	1534.0

a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew, operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary responsibility assessing the performance of military systems, subsystems, and components. This includes the following domains/sub-domains of Human Systems Integration: Human Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress, Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display Integration, User Computer Interface, Design for Maintainer, and Crew Workload. While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy							

and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well as the US Coast Guard.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A activities throughout the product lifecycle. The Aircrew Systems Facility supports the entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew, operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary responsibility assessing the performance of military systems, subsystems, and components. This includes the following domains/sub-domains of Human Systems Integration: Human	(X)Digital Modeling & Simulation	(X)Information Systems Technology (C4ISR)	2001	1136.0	1136.0	830.0	883.0

Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress, Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display Integration, User Computer Interface, Design for Maintainer, and Crew Workload. While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well as the US Coast Guard.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A activities throughout the product lifecycle. The Aircrew Systems Facility supports the entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew,	(X)Digital Modeling & Simulation	(X)Sensors, Electronics, and Electronic Warfare	2001	2986.0	2986.0	2734.0	2644.0

operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary responsibility assessing the performance of military systems, subsystems, and components. This includes the following domains/sub-domains of Human Systems Integration: Human Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress, Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display Integration, User Computer Interface, Design for Maintainer, and Crew Workload. While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well							

as the US Coast Guard.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A activities throughout the product lifecycle. The Aircrew Systems Facility supports the entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew, operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary responsibility assessing the performance of military systems, subsystems, and components. This includes the following domains/sub-domains of Human Systems Integration: Human Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress,	(X)Measurement	(X)Air Platforms (Air Combat)	2001	6781.0	6781.0	6185.0	6641.0

Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display Integration, User Computer Interface, Design for Maintainer, and Crew Workload. While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well as the US Coast Guard.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A activities throughout the product lifecycle. The Aircrew Systems Facility supports the entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew, operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to	(X)Measurement	(X)Chemical & Biological Defense	2003	881.0	632.0	951.0	881.0

simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary responsibility assessing the performance of military systems, subsystems, and components. This includes the following domains/sub-domains of Human Systems Integration: Human Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress, Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display Integration, User Computer Interface, Design for Maintainer, and Crew Workload. While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well as the US Coast Guard.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A	(X)Measurement	(X)Human Systems	2002	3545.0	2862.0	3545.0	3223.0

activities throughout the product lifecycle. The Aircrew Systems Facility supports the entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew, operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary responsibility assessing the performance of military systems, subsystems, and components. This includes the following domains/sub-domains of Human Systems Integration: Human Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress, Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display							

Integration, User Computer Interface, Design for Maintainer, and Crew Workload. While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well as the US Coast Guard.							
Aircrew Systems uniquely integrates military Crew/Human Systems RDTE&A activities throughout the product lifecycle. The Aircrew Systems Facility supports the entire life cycle for an extremely diverse and complex list of aircrew product lines. This facility is collocated with a full compliment of Navy and Marine Corps aircraft and has direct access to both fleet experienced aircrew, operators, as well as maintainers. This facility has the only ejection tower and windblast test facility to simulate and test actual ejection seat and windblast loads. Aircrew Systems has the primary	(X)Measurement	(X)Sensors, Electronics, and Electronic Warfare	2001	677.0	677.0	625.0	583.0

responsibility assessing the performance of military systems, subsystems, and components. This includes the following domains/sub-domains of Human Systems Integration: Human Engineering, Personal Survivability, and Health Hazards, Life Support, Environmental Safety, Emergency Egress, Crashworthiness, Threat Protection, Human Performance, Cockpit/Crew Station Design, Control/Display Integration, User Computer Interface, Design for Maintainer, and Crew Workload. While the clear focus is maritime aviation the Aircrew Systems' customer base also includes the US Navy and Marine Corp aviation program managers, NAVSEA, ONR, each of the other military services as well as the US Coast Guard.							
The Aerodrome at NAWC-AD Patuxent River, MD is comprised of the resources required to support an efficient full service NAVAL Aircraft RDTE&A activity. These assets are at sea	(X)Open Air Ranges	(X)Air Platforms (Air Combat)	2001	43088.0	43088.0	43088.0	34723.0

level in a litoral environment critical for development and test Navy carrier based aircraft, Air ASW aircraft and helicopters. It consists of 5 runways (11809 ft, 9742 max), hot refueling capabilities, Ship compatible catapult and arresting gear, high power engine turn facility, 3 engine test cells, a ground run stand, 1901 Square Miles of restricted Airspace, access to 69,714 square miles of local warning areas, and an operational test and evaluation squadron (VX-1) and two operational squadrons/detachments (VC-6 and VQ-4). 6 of our 10 runway approaches are over water, minimizing encroachment. These assets coupled with the flight and ground testing capabilites covering all of the DoD test resource capability areas to enable efficient flight and ground testing. Aircraft upon tack off immediately access the test areas. Hot refueling capabilities allow for quick turn around to the							

flight test areas such that missions can be extended efficiently. Runways and taxiways allow for access to key facilities such as the E3, EMP, Anechoic Chamber facilities. Ground run capabilities and engine test stands allow for increased flight readiness of the test squadrons.							
The Aerodrome at NAWC-AD Patuxent River, MD is comprised of the resources required to support an efficient full service NAVAL Aircraft RDTE&A activity. These assets are at sea level in a litoral environment critical for development and test Navy carrier based aircraft, Air ASW aircraft and helicopters. It consists of 5 runways (11809 ft, 9742 max), hot refueling capabilities, Ship compatible catapult and arresting gear, high power engine turn facility, 3 engine test cells, a ground run stand, 1901 Square Miles of restricted Airspace, access to 69,714 square miles of local warning areas, and an operational test	(X)Open Air Ranges	(X)Sea Vehicles (Sea Combat)	2001	581.0	581.0	581.0	406.0

and evaluation squadron (VX-1) and two operational squadrons/detachments (VC-6 and VQ-4). 6 of our 10 runway approaches are over water, minimizing encroachment. These assets coupled with the flight and ground testing capabilites covering all of the DoD test resource capability areas to enable efficient flight and ground testing. Aircraft upon tack off immediately access the test areas. Hot refueling capabilities allow for quick turn around to the flight test areas such that missions can be extended efficiently. Runways and taxiways allow for access to key facilities such as the E3, EMP, Anechoic Chamber facilities. Ground run capabilities and engine test stands allow for increased flight readiness of the test squadrons.							
The Aerodrome at NAWC-AD Patuxent River, MD is comprised of the resources required to support an efficient full service NAVAL Aircraft RDTE&A activity.	(X)Open Air Ranges	(X)Information Systems Technology (C4ISR)	2001	484.0	484.0	458.0	339.0

These assets are at sea level in a litoral environment critical for development and test Navy carrier based aircraft, Air ASW aircraft and helicopters. It consists of 5 runways (11809 ft, 9742 max), hot refueling capabilities, Ship compatible catapult and arresting gear, high power engine turn facility, 3 engine test cells, a ground run stand, 1901 Square Miles of restricted Airspace, access to 69,714 square miles of local warning areas, and an operational test and evaluation squadron (VX-1) and two operational squadrons/detachments (VC-6 and VQ-4). 6 of our 10 runway approaches are over water, minimizing encroachment. These assets coupled with the flight and ground testing capabilites covering all of the DoD test resource capability areas to enable efficient flight and ground testing. Aircraft upon tack off immediately access the test areas. Hot refueling capabilities allow for							

quick turn around to the flight test areas such that missions can be extended efficiently. Runways and taxiways allow for access to key facilities such as the E3, EMP, Anechoic Chamber facilities. Ground run capabilities and engine test stands allow for increased flight readiness of the test squadrons.							
The Aerodrome at NAWC-AD Patuxent River, MD is comprised of the resources required to support an efficient full service NAVAL Aircraft RDTE&A activity. These assets are at sea level in a litoral environment critical for development and test Navy carrier based aircraft, Air ASW aircraft and helicopters. It consists of 5 runways (11809 ft, 9742 max), hot refueling capabilities, Ship compatible catapult and arresting gear, high power engine turn facility, 3 engine test cells, a ground run stand, 1901 Square Miles of restricted Airspace, access to 69,714 square miles of local warning areas,	(X)Open Air Ranges	(X)Sensors, Electronics, and Electronic Warfare	2001	16948.0	16948.0	16948.0	11857.0

and an operational test and evaluation squadron (VX-1) and two operational squadrons/detachments (VC-6 and VQ-4). 6 of our 10 runway approaches are over water, minimizing encroachment. These assets coupled with the flight and ground testing capabilites covering all of the DoD test resource capability areas to enable efficient flight and ground testing. Aircraft upon tack off immediately access the test areas. Hot refueling capabilities allow for quick turn around to the flight test areas such that missions can be extended efficiently. Runways and taxiways allow for access to key facilities such as the E3, EMP, Anechoic Chamber facilities. Ground run capabilities and engine test stands allow for increased flight readiness of the test squadrons.							
The Aerodrome at NAWC-AD Patuxent River, MD is comprised of the resources required to support an efficient full service NAVAL Aircraft	(X)Open Air Ranges	(X)Weapons (Munitions & Armaments + Direct Energ	2001	629.0	629.0	595.0	440.0

RDTE&A activity. These assets are at sea level in a litoral environment critical for development and test Navy carrier based aircraft, Air ASW aircraft and helicopters. It consists of 5 runways (11809 ft, 9742 max), hot refueling capabilities, Ship compatible catapult and arresting gear, high power engine turn facility, 3 engine test cells, a ground run stand, 1901 Square Miles of restricted Airspace, access to 69,714 square miles of local warning areas, and an operational test and evaluation squadron (VX-1) and two operational squadrons/detachments (VC-6 and VQ-4). 6 of our 10 runway approaches are over water, minimizing encroachment. These assets coupled with the flight and ground testing capabilites covering all of the DoD test resource capability areas to enable efficient flight and ground testing. Aircraft upon tack off immediately access the test areas. Hot refueling							

capabilities allow for quick turn around to the flight test areas such that missions can be extended efficiently. Runways and taxiways allow for access to key facilities such as the E3, EMP, Anechoic Chamber facilities. Ground run capabilities and engine test stands allow for increased flight readiness of the test squadrons.							
Atlantic Test Range (ATR) is a fully instrumented Open Air Range and Measurement Facility that supports DON and DOD RDTE&A aircraft testing and Warfighter training requirements. ATR provides the Navy's primary and most comprehensive RDTE&A aircraft test range. It includes the Navy's most extensive and capable integrated real time Range TSPI measurement, TM, computation and control data processing, marine operation, signature measurement and EW/avionics Range facilities/capabilities, and post flight processing and Photogrammetrics processing	(X)Measurement	(X)Sensors, Electronics, and Electronic Warfare	2003	1155.0	1088.0	1018.0	1155.0

facilities/capabilities required and used for aircraft TDTE&A. The collocation of Navy aircraft R&D, T&E, and D&A capabilities at Pax River with ATR Test Resources located in a maritime littoral environment and other Test Resources located at Pax River provides a composite full spectrum Navy RDTE&A aircraft test capability that is unique and unmatched elsewhere. Utilizing 2,400 square miles of inner Range airspace and littoral sea space, owned and controlled by the Navy and 18,000 Square Miles of airspace in the Virginia Capes Opoerating Area, ATR has the ability to conduct unique full spectrum RDTE&A aircraft, avionics, and weapons systems tests. ATR also controls frequency assignments and usage of the EM Spectrum in the Mid Atlantic Region. This ensures that ATR has the required RF spectrum for its RDTE&A flight test activities (incl. full use of T&E TM & video spectrum with no local competing							

reequirements).							
Atlantic Test Range (ATR) is a fully instrumented Open Air Range and Measurement Facility that supports DON and DOD RDTE&A aircraft testing and Warfighter training requirements. ATR provides the Navy's primary and most comprehensive RDTE&A aircraft test range. It includes the Navy's most extensive and capable integrated real time Range TSPI measurement, TM, computation and control data processing, marine operation, signature measurement and EW/avionics Range facilities/capabilities, and post flight processing and Photogrammetrics processing facilities/capabilities required and used for aircraft TDTE&A. The collocation of Navy aircraft R&D, T&E, and D&A capabilities at Pax River with ATR Test Resources located in a maritime littoral environment and other Test Resources located at Pax River provides a composite full spectrum Navy RDTE&A aircraft	(X)Open Air Ranges	(X)Air Platforms (Air Combat)	2003	32732.0	30821.0	28829.0	32732.0

test capability that is unique and unmatched elsewhere. Utilizing 2,400 square miles of inner Range airspace and littoral sea space, owned and controlled by the Navy and 18,000 Square Miles of airspace in the Virginia Capes Opoerating Area, ATR has the ability to conduct unique full spectrum RDTE&A aircraft, avionics, and weapons systems tests. ATR also controls frequency assignments and usage of the EM Spectrum in the Mid Atlantic Region. This ensures that ATR has the required RF spectrum for its RDTE&A flight test activities (incl. full use of T&E TM & video spectrum with no local competing reequirements).							
Atlantic Test Range (ATR) is a fully instrumented Open Air Range and Measurement Facility that supports DON and DOD RDTE&A aircraft testing and Warfighter training requirements. ATR provides the Navy's primary and most comprehensive RDTE&A aircraft test	(X)Open Air Ranges	(X)Ground Vehicles (Land Combat)	2003	337.0	317.0	296.0	337.0

range. It includes the Navy's most extensive and capable integrated real time Range TSPI measurement, TM, computation and control data processing, marine operation, signature measurement and EW/avionics Range facilities/capabilities, and post flight processing and Photogrammetrics processing facilities/capabilities required and used for aircraft TDTE&A. The collocation of Navy aircraft R&D, T&E, and D&A capabilities at Pax River with ATR Test Resources located in a maritime littoral environment and other Test Resources located at Pax River provides a composite full spectrum Navy RDTE&A aircraft test capability that is unique and unmatched elsewhere. Utilizing 2,400 square miles of inner Range airspace and littoral sea space, owned and controlled by the Navy and 18,000 Square Miles of airspace in the Virginia Capes Opoerating Area, ATR has the ability to conduct unique full spectrum RDTE&A							

aircraft, avionics, and weapons systems tests. ATR also controls frequency assignments and usage of the EM Spectrum in the Mid Atlantic Region. This ensures that ATR has the required RF spectrum for its RDTE&A flight test activities (incl. full use of T&E TM & video spectrum with no local competing reequirements).							
Atlantic Test Range (ATR) is a fully instrumented Open Air Range and Measurement Facility that supports DON and DOD RDTE&A aircraft testing and Warfighter training requirements. ATR provides the Navy's primary and most comprehensive RDTE&A aircraft test range. It includes the Navy's most extensive and capable integrated real time Range TSPI measurement, TM, computation and control data processing, marine operation, signature measurement and EW/avionics Range facilities/capabilities, and post flight processing and Photogrammetrics	(X)Open Air Ranges	(X)Information Systems Technology (C4ISR)	2003	481.0	453.0	423.0	481.0

processing facilities/capabilities required and used for aircraft TDTE&A. The collocation of Navy aircraft R&D, T&E, and D&A capabilities at Pax River with ATR Test Resources located in a maritime littoral environment and other Test Resources located at Pax River provides a composite full spectrum Navy RDTE&A aircraft test capability that is unique and unmatched elsewhere. Utilizing 2,400 square miles of inner Range airspace and littoral sea space, owned and controlled by the Navy and 18,000 Square Miles of airspace in the Virginia Capes Opoerating Area, ATR has the ability to conduct unique full spectrum RDTE&A aircraft, avionics, and weapons systems tests. ATR also controls frequency assignments and usage of the EM Spectrum in the Mid Atlantic Region. This ensures that ATR has the required RF spectrum for its RDTE&A flight test activities (incl. full use of T&E TM & video spectrum with no local							

competing reequirements).							
Atlantic Test Range (ATR) is a fully instrumented Open Air Range and Measurement Facility that supports DON and DOD RDTE&A aircraft testing and Warfighter training requirements. ATR provides the Navy's primary and most comprehensive RDTE&A aircraft test range. It includes the Navy's most extensive and capable integrated real time Range TSPI measurement, TM, computation and control data processing, marine operation, signature measurement and EW/avionics Range facilities/capabilities, and post flight processing and Photogrammetrics processing facilities/capabilities required and used for aircraft TDTE&A. The collocation of Navy aircraft R&D, T&E, and D&A capabilities at Pax River with ATR Test Resources located in a maritime littoral environment and other Test Resources located at Pax River provides a composite full spectrum	(X)Open Air Ranges	(X)Sea Vehicles (Sea Combat)	2003	2888.0	2719.0	2544.0	2888.0

Navy RDTE&A aircraft test capability that is unique and unmatched elsewhere. Utilizing 2,400 square miles of inner Range airspace and littoral sea space, owned and controlled by the Navy and 18,000 Square Miles of airspace in the Virginia Capes Opoerating Area, ATR has the ability to conduct unique full spectrum RDTE&A aircraft, avionics, and weapons systems tests. ATR also controls frequency assignments and usage of the EM Spectrum in the Mid Atlantic Region. This ensures that ATR has the required RF spectrum for its RDTE&A flight test activities (incl. full use of T&E TM & video spectrum with no local competing reequirements).							
Atlantic Test Range (ATR) is a fully instrumented Open Air Range and Measurement Facility that supports DON and DOD RDTE&A aircraft testing and Warfighter training requirements. ATR provides the Navy's primary and most comprehensive	(X)Open Air Ranges	(X)Sensors, Electronics, and Electronic Warfare	2003	2695.0	2538.0	2374.0	2695.0

RDTE&A aircraft test range. It includes the Navy's most extensive and capable integrated real time Range TSPI measurement, TM, computation and control data processing, marine operation, signature measurement and EW/avionics Range facilities/capabilities, and post flight processing and Photogrammetrics processing facilities/capabilities required and used for aircraft TDTE&A. The collocation of Navy aircraft R&D, T&E, and D&A capabilities at Pax River with ATR Test Resources located in a maritime littoral environment and other Test Resources located at Pax River provides a composite full spectrum Navy RDTE&A aircraft test capability that is unique and unmatched elsewhere. Utilizing 2,400 square miles of inner Range airspace and littoral sea space, owned and controlled by the Navy and 18,000 Square Miles of airspace in the Virginia Capes Opoerating Area, ATR has the ability to conduct unique full							

spectrum RDTE&A aircraft, avionics, and weapons systems tests. ATR also controls frequency assignments and usage of the EM Spectrum in the Mid Atlantic Region. This ensures that ATR has the required RF spectrum for its RDTE&A flight test activities (incl. full use of T&E TM & video spectrum with no local competing reequirements).							
Atlantic Test Range (ATR) is a fully instrumented Open Air Range and Measurement Facility that supports DON and DOD RDTE&A aircraft testing and Warfighter training requirements. ATR provides the Navy's primary and most comprehensive RDTE&A aircraft test range. It includes the Navy's most extensive and capable integrated real time Range TSPI measurement, TM, computation and control data processing, marine operation, signature measurement and EW/avionics Range facilities/capabilities, and post flight processing and	(X)Open Air Ranges	(X)Weapons (Munitions & Armaments + Direct Energ	2003	3850.0	3626.0	3392.0	3850.0

Photogrammetrics processing facilities/capabilities required and used for aircraft TDTE&A. The collocation of Navy aircraft R&D, T&E, and D&A capabilities at Pax River with ATR Test Resources located in a maritime littoral environment and other Test Resources located at Pax River provides a composite full spectrum Navy RDTE&A aircraft test capability that is unique and unmatched elsewhere. Utilizing 2,400 square miles of inner Range airspace and littoral sea space, owned and controlled by the Navy and 18,000 Square Miles of airspace in the Virginia Capes Opoerating Area, ATR has the ability to conduct unique full spectrum RDTE&A aircraft, avionics, and weapons systems tests. ATR also controls frequency assignments and usage of the EM Spectrum in the Mid Atlantic Region. This ensures that ATR has the required RF spectrum for its RDTE&A flight test activities (incl. full use of T&E TM & video							

spectrum with no local competing reequirements).							
Includes Aircraft Ship Suitability Test Site (ASSTS), Landing System Test Facility (LSTF), and Air Traffic Control (ATC) RDTE&A test capabilities in a unique test environment (i.e. sea level, over the water approach flight paths, adjacency to active runway) critical to assuring shipboard aircraft system interoperability. The ASSTS consists of a Fleet representative in-ground (C-13) steam catapult, arresting gear and ATR instrumentation & data gathering cpabilities. ASSTS is used to subject Naval carrier aircraft and their onboard/related systems to carrier launches and arrestment rigors in a instrumented/real time monitored, safe, controlled test environment to establish structural compatability, minimun launch speeds, and system operations integrity prior to actual shipboard trials. LSTF and ATC capabilities	(X)Installed System Test	(X)Air Platforms (Air Combat)	1999	0	0	0	0

provide support for shipboard ATC and landing systems, aircraft avionics, receiver recorders, beacons, data links, and air surveillance and Precision Approach Radar Control System. LSTF also provides means to simulate fleet problems for correction and is used for aircraft carrier certification prior to deployment. LSTF & ATC capabilities also support In-service Engineering for ATC systems and are the only facilities in the US that supports these systems. These capabilities also provide ACLS and Visual Landing Aids support for Fleet FCLP flights. Pax co-location of this and RDT&E aircraft, ATR, and other test resources provide a unique overall synergistic capability.							
Includes Aircraft Ship Suitability Test Site (ASSTS), Landing System Test Facility (LSTF), and Air Traffic Control (ATC) RDTE&A test capabilities in a unique test environment (i.e. sea level, over the water approach flight paths, adjacency to	(X)Installed System Test	(X)Sea Vehicles (Sea Combat)	2002	40	0	40.0	0

active runway) critical to assuring shipboard aircraft system interoperability. The ASSTS consists of a Fleet representative in-ground (C-13) steam catapult, arresting gear and ATR instrumentation & data gathering cpabilities. ASSTS is used to subject Naval carrier aircraft and their onboard/related systems to carrier launches and arrestment rigors in a instrumented/real time monitored, safe, controlled test environment to establish structural compatability, minimun launch speeds, and system operations integrity prior to actual shipboard trials. LSTF and ATC capabilities provide support for shipboard ATC and landing systems, aircraft avionics, receiver recorders, beacons, data links, and air surveillance and Precision Approach Radar Control System. LSTF also provides means to simulate fleet problems for correction and is used for aircraft carrier certification prior							

to deployment. LSTF & ATC capabilities also support In-service Engineering for ATC systems and are the only facilities in the US that supports these systems. These capabilities also provide ACLS and Visual Landing Aids support for Fleet FCLP flights. Pax co-location of this and RDT&E aircraft, ATR, and other test resources provide a unique overall synergistic capability.							
Includes Aircraft Ship Suitability Test Site (ASSTS), Landing System Test Facility (LSTF), and Air Traffic Control (ATC) RDTE&A test capabilities in a unique test environment (i.e. sea level, over the water approach flight paths, adjacency to active runway) critical to assuring shipboard aircraft system interoperability. The ASSTS consists of a Fleet representative in-ground (C-13) steam catapult, arresting gear and ATR instrumentation & data gathering cpabilities. ASSTS is used to subject Naval carrier aircraft and their	(X)Installed System Test	(X)Human Systems	1999	0	0	0	0

onboard/related systems to carrier launches and arrestment rigors in a instrumented/real time monitored, safe, controlled test environment to establish structural compatability, minimun launch speeds, and system operations integrity prior to actual shipboard trials. LSTF and ATC capabilities provide support for shipboard ATC and landing systems, aircraft avionics, receiver recorders, beacons, data links, and air surveillance and Precision Approach Radar Control System. LSTF also provides means to simulate fleet problems for correction and is used for aircraft carrier certification prior to deployment. LSTF & ATC capabilities also support In-service Engineering for ATC systems and are the only facilities in the US that supports these systems. These capabilities also provide ACLS and Visual Landing Aids support for Fleet FCLP flights. Pax co-location of this and RDT&E aircraft,							

ATR, and other test resources provide a unique overall synergistic capability.							
Includes Aircraft Ship Suitability Test Site (ASSTS), Landing System Test Facility (LSTF), and Air Traffic Control (ATC) RDTE&A test capabilities in a unique test environment (i.e. sea level, over the water approach flight paths, adjacency to active runway) critical to assuring shipboard aircraft system interoperability. The ASSTS consists of a Fleet representative in-ground (C-13) steam catapult, arresting gear and ATR instrumentation & data gathering cpabilities. ASSTS is used to subject Naval carrier aircraft and their onboard/related systems to carrier launches and arrestment rigors in a instrumented/real time monitored, safe, controlled test environment to establish structural compatability, minimun launch speeds, and system operations integrity prior to actual shipboard trials. LSTF	(X)Installed System Test	(X)Sensors, Electronics, and Electronic Warfare	2003	15118.0	13987.0	13037.0	15118.0

and ATC capabilities provide support for shipboard ATC and landing systems, aircraft avionics, receiver recorders, beacons, data links, and air surveillance and Precision Approach Radar Control System. LSTF also provides means to simulate fleet problems for correction and is used for aircraft carrier certification prior to deployment. LSTF & ATC capabilities also support In-service Engineering for ATC systems and are the only facilities in the US that supports these systems. These capabilities also provide ACLS and Visual Landing Aids support for Fleet FCLP flights. Pax co-location of this and RDT&E aircraft, ATR, and other test resources provide a unique overall synergistic capability.							
Includes Aircraft Ship Suitability Test Site (ASSTS), Landingi System Test Facility (LSTF), and Air Traffic Control (ATC) RDTE&A test capabilities in a unique test environment (i.e. sea level, over the water approach flight	(X)Installed System Test	(X)Weapons (Munitions & Armaments + Direct Energ	2002	0	0	0	0

paths, adjacency to active runway) critical to assuring shipboard aircraft system interoperability. The ASSTS consists of a Fleet representative in-ground (C-13) steam catapult, arresting gear and ATR instrumentation & data gathering cpabilities. ASSTS is used to subject Naval carrier aircraft and their onboard/related systems to carrier launches and arrestment rigors in a instrumented/real time monitored, safe, controlled test environment to establish structural compatability, minimun launch speeds, and system operations integrity prior to actual shipboard trials. LSTF and ATC capabilities provide support for shipboard ATC and landing systems, aircraft avionics, receiver recorders, beacons, data links, and air surveillance and Precision Approach Radar Control System. LSTF also provides means to simulate fleet problems for correction and is used for aircraft							

carrier certification prior to deployment. LSTF & ATC capabilities also support In-service Engineering for ATC systems and are the only facilities in the US that supports these systems. These capabilities also provide ACLS and Visual Landing Aids support for Fleet FCLP flights. Pax co-location of this and RDT&E aircraft, ATR, and other test resources provide a unique overall synergistic capability.							
Includes Aircraft Ship Suitability Test Site (ASSTS), Landing System Test Facility (LSTF), and Air Traffic Control (ATC) RDTE&A test capabilities in a unique test environment (i.e. sea level, over the water approach flight paths, adjacency to active runway) critical to assuring shipboard aircraft system interoperability. The ASSTS consists of a Fleet representative in-ground (C-13) steam catapult, arresting gear and ATR instrumentation & data gathering cpabilities. ASSTS is used to subject Naval carrier	(X)Integration Laboratory	(X)Sensors, Electronics, and Electronic Warfare	2003	12594.0	11934.0	11792.0	12594.0

aircraft and their onboard/related systems to carrier launches and arrestment rigors in a instrumented/real time monitored, safe, controlled test environment to establish structural compatability, minimun launch speeds, and system operations integrity prior to actual shipboard trials. LSTF and ATC capabilities provide support for shipboard ATC and landing systems, aircraft avionics, receiver recorders, beacons, data links, and air surveillance and Precision Approach Radar Control System. LSTF also provides means to simulate fleet problems for correction and is used for aircraft carrier certification prior to deployment. LSTF & ATC capabilities also support In-service Engineering for ATC systems and are the only facilities in the US that supports these systems. These capabilities also provide ACLS and Visual Landing Aids support for Fleet FCLP flights. Pax co-location of this							

and RDT&E aircraft, ATR, and other test resources provide a unique overall synergistic capability.							
E3 Test Facility Resource - The E3 Test Resources are comprised of Electromagnetic Compatibility (EMC), Electromagnetic Vulnerability (EMV), Electromagnetic Interference (EMI), Electromagnetic Pulse (EMP), Lightning, P-static, Navy Electromagnetic Radiation Facility (NERF), and TEMPEST equipment which function as an E3 Installed System Test Facility. This also includes two Electromagnetic Shielded Anechoic Chambers, a Shielded Hangar, and Embedded Ground Planes. The test resource is located at a single site adjacent to runways and taxiways such that aircraft vehicles and systems can be readily supported in the facility. The test resource conducts E3 testing for the Navy and USMC, and provide E3 services to the other US Military	(X)Installed System Test	(X)Air Platforms (Air Combat)	2003	26832.0	24678.0	26039.9	26832.0

Services, other Federal Agencies (USCG, FBI, DEA, NTSB, FAA, NASA, etc.), Foreign Military and Commercial Industry.							
E3 Test Facility Resource - The E3 Test Resources are comprised of Electromagnetic Compatibility (EMC), Electromagnetic Vulnerability (EMV), Electromagnetic Interference (EMI), Electromagnetic Pulse (EMP), Lightning, P-static, Navy Electromagnetic Radiation Facility (NERF), and TEMPEST equipment which function as an E3 Installed System Test Facility. This also includes two Electromagnetic Shielded Anechoic Chambers, a Shielded Hangar, and Embedded Ground Planes. The test resource is located at a single site adjacent to runways and taxiways such that aircraft vehicles and systems can be readily supported in the facility. The test resource conducts E3 testing for the Navy and USMC, and provide E3 services	(X)Installed System Test	(X)Biomedical	2002	318.0	0	318.0	0

to the other US Military Services, other Federal Agencies (USCG, FBI, DEA, NTSB, FAA, NASA, etc.), Foreign Military and Commercial Industry.							
E3 Test Facility Resource - The E3 Test Resources are comprised of Electromagnetic Compatibility (EMC), Electromagnetic Vulnerability (EMV), Electromagnetic Interference (EMI), Electromagnetic Pulse (EMP), Lightning, P-static, Navy Electromagnetic Radiation Facility (NERF), and TEMPEST equipment which function as an E3 Installed System Test Facility. This also includes two Electromagnetic Shielded Anechoic Chambers, a Shielded Hangar, and Embedded Ground Planes. The test resource is located at a single site adjacent to runways and taxiways such that aircraft vehicles and systems can be readily supported in the facility. The test resource conducts E3 testing for the Navy and USMC,	(X)Installed System Test	(X)Nuclear Technology	2001	1874.0	1874.3	1270.2	1309.0

and provide E3 services to the other US Military Services, other Federal Agencies (USCG, FBI, DEA, NTSB, FAA, NASA, etc.), Foreign Military and Commercial Industry.							
E3 Test Facility Resource - The E3 Test Resources are comprised of Electromagnetic Compatibility (EMC), Electromagnetic Vulnerability (EMV), Electromagnetic Interference (EMI), Electromagnetic Pulse (EMP), Lightning, P-static, Navy Electromagnetic Radiation Facility (NERF), and TEMPEST equipment which function as an E3 Installed System Test Facility. This also includes two Electromagnetic Shielded Anechoic Chambers, a Shielded Hangar, and Embedded Ground Planes. The test resource is located at a single site adjacent to runways and taxiways such that aircraft vehicles and systems can be readily supported in the facility. The test resource conducts E3 testing for	(X)Installed System Test	(X)Ground Vehicles (Land Combat)	2003	1309.0	1249.5	1270.2	1309.0

the Navy and USMC, and provide E3 services to the other US Military Services, other Federal Agencies (USCG, FBI, DEA, NTSB, FAA, NASA, etc.), Foreign Military and Commercial Industry.							
E3 Test Facility Resource - The E3 Test Resources are comprised of Electromagnetic Compatibility (EMC), Electromagnetic Vulnerability (EMV), Electromagnetic Interference (EMI), Electromagnetic Pulse (EMP), Lightning, P-static, Navy Electromagnetic Radiation Facility (NERF), and TEMPEST equipment which function as an E3 Installed System Test Facility. This also includes two Electromagnetic Shielded Anechoic Chambers, a Shielded Hangar, and Embedded Ground Planes. The test resource is located at a single site adjacent to runways and taxiways such that aircraft vehicles and systems can be readily supported in the facility. The test resource	(X)Installed System Test	(X)Sensors, Electronics, and Electronic Warfare	2003	2290.0	2186.7	2222.9	2290.0

conducts E3 testing for the Navy and USMC, and provide E3 services to the other US Military Services, other Federal Agencies (USCG, FBI, DEA, NTSB, FAA, NASA, etc.), Foreign Military and Commercial Industry.							
E3 Test Facility Resource - The E3 Test Resources are comprised of Electromagnetic Compatibility (EMC), Electromagnetic Vulnerability (EMV), Electromagnetic Interference (EMI), Electromagnetic Pulse (EMP), Lightning, P-static, Navy Electromagnetic Radiation Facility (NERF), and TEMPEST equipment which function as an E3 Installed System Test Facility. This also includes two Electromagnetic Shielded Anechoic Chambers, a Shielded Hangar, and Embedded Ground Planes. The test resource is located at a single site adjacent to runways and taxiways such that aircraft vehicles and systems can be readily supported in the facility.	(X)Installed System Test	(X)Weapons (Munitions & Armaments + Direct Energ	2001	1250.0	1249.5	635.1	982.0

The test resource conducts E3 testing for the Navy and USMC, and provide E3 services to the other US Military Services, other Federal Agencies (USCG, FBI, DEA, NTSB, FAA, NASA, etc.), Foreign Military and Commercial Industry.							
Aircraft Propolsion & Power. This test resource is comprised of the facilities, equipment and personnel associated with RDTE&A of aircraft propulsion and power systems. Specifically, this resource includes: the Propulsion Systems Evaluation Facility (PSEF) which provides the overall infrastructure to permit test cells to test and evaluate propulsion systems including auxillary power and mechanical systems, fuels and lubricants, helicopter drive systems and UAV engines; the Aircraft Test and Evaluation Facility (ATEF) which is an enclosed ground test facility that allows sound attenuated aircraft engine operations with unlimited engine power levels and duration; the	(X)Hardware in the Loop	(X)Air Platforms (Air Combat)	2003	14321.0	13505.0	13668.0	14321.0

Aircraft Electrical Power Systems Laboratory (AEPSL) which conducts Electrical Environmental Evaluations that simulate service environments and provide the only complete electrical environmental system RDTE&A capability in DOD and the Airframe Mounted Accessory Drive (AMAD) which provides dynamic real world testing of aircraft mounted accessory drive systems with capabilities up to 150HP and 17,500 RPM, and is capable of running aircraft engine start sinulations.							
Aircraft Propolsion & Power. This test resource is comprised of the facilities, equipment and personnel associated with RDTE&A of aircraft propulsion and power systems. Specifically, this resource includes: the Propulsion Systems Evaluation Facility (PSEF) which provides the overall infrastructure to permit test cells to test and evaluate propulsion systems including auxillary power and mechanical	(X)Hardware in the Loop	(X)Sea Vehicles (Sea Combat)	2002	5273.0	4955.0	5273.0	5205.0

systems, fuels and lubricants, helicopter drive systems and UAV engines; the Aircraft Test and Evaluation Facility (ATEF) which is an enclosed ground test facility that allows sound attenuated aircraft engine operations with unlimited engine power levels and duration; the Aircraft Electrical Power Systems Laboratory (AEPSL) which conducts Electrical Environmental Evaluations that simulate service environments and provide the only complete electrical environmental system RDTE&A capability in DOD and the Airframe Mounted Accessory Drive (AMAD) which provides dynamic real world testing of aircraft mounted accessory drive systems with capabilities up to 150HP and 17,500 RPM, and is capable of running aircraft engine start sinulations.							
Aircraft Propolsion & Power. This test resource is comprised of the facilities, equipment and personnel associated	(X)Hardware in the Loop	(X)Materials & Processes	2002	26550.0	25209.0	26550.0	26070.0

with RDTE&A of aircraft propulsion and power systems. Specifically, this resource includes: the Propulsion Systems Evaluation Facility (PSEF) which provides the overall infrastructure to permit test cells to test and evaluate propulsion systems including auxillary power and mechanical systems, fuels and lubricants, helicopter drive systems and UAV engines; the Aircraft Test and Evaluation Facility (ATEF) which is an enclosed ground test facility that allows sound attenuated aircraft engine operations with unlimited engine power levels and duration; the Aircraft Electrical Power Systems Laboratory (AEPSL) which conducts Electrical Environmental Evaluations that simulate service environments and provide the only complete electrical environmental system RDTE&A capability in DOD and the Airframe Mounted Accessory Drive (AMAD) which provides dynamic real world testing of aircraft							

mounted accessory drive systems with capabilities up to 150HP and 17,500 RPM, and is capable of running aircraft engine start sinulations.							
Aircraft Propolsion & Power. This test resource is comprised of the facilities, equipment and personnel associated with RDTE&A of aircraft propulsion and power systems. Specifically, this resource includes: the Propulsion Systems Evaluation Facility (PSEF) which provides the overall infrastructure to permit test cells to test and evaluate propulsion systems including auxillary power and mechanical systems, fuels and lubricants, helicopter drive systems and UAV engines; the Aircraft Test and Evaluation Facility (ATEF) which is an enclosed ground test facility that allows sound attenuated aircraft engine operations with unlimited engine power levels and duration; the Aircraft Electrical Power Systems Laboratory (AEPSL) which conducts Electrical	(X)Installed System Test	(X)Air Platforms (Air Combat)	2003	51625.0	38658.0	42144.0	51625.0

Environmental Evaluations that simulate service environments and provide the only complete electrical environmental system RDTE&A capability in DOD and the Airframe Mounted Accessory Drive (AMAD) which provides dynamic real world testing of aircraft mounted accessory drive systems with capabilities up to 150HP and 17,500 RPM, and is capable of running aircraft engine start sinulations.							
RDT&E Aircraft Test: The Naval Test Wing Atlantic provides the people, skills, aircraft, equipment, and facilities (8 hangars and other support buildings and unique facilities) required to support Naval and Marine Corps aircraft engaged in RDTE&A. The Test Wing has over 130 aircraft consisting of 43 different types, models, and series. The Test Wing is composed of 3 test squadrons, Naval Test Pilot School, and RDT&E Aircraft 1-Level Maintenance. Naval Force Aircraft Test Squadron (VX-20) tests	(X)Installed System Test	(X)Air Platforms (Air Combat)	1998	27018.0	16608.0	18013.0	17082.0

and evaluates all fixed wing anti-submarine, airborne early warning, strategic communications, and support aircraft including the C-2, KC-130, E-2, E/P-3, S-3, E-6, and T-34. Naval Rotary Wing Aircraft Test Squadron (HX-21) tests and evaluates all rotary and tilt wing aircraft including the H-1, H-3, H-53, H-57, H-60, and V-22. Naval Strike Aircraft Test Squadron (VX-22) tests and evaluates fixed wing fighter and attack aircraft including EA-6, F/A-18, and T-45. The Naval Test Pilot School trains test pilots, naval flight officers, and test engineers utilizing the following aircraft: P-3, H-60, T-38, T-2, H-6, H-58, U-1, U-6, X-26, F-18, and C-12. The RDT&E Aircraft Test resource is uniquely and integrally located within the Navy RDTE&A complex based at Patuxent River, Maryland.							
RDT&E Aircraft Test: The Naval Test Wing Atlantic provides the people, skills, aircraft, equipment, and facilities	(X)Installed System Test	(X)Sea Vehicles (Sea Combat)	1998	662.0	324.0	351.0	333.0

(8 hangars and other support buildings and unique facilities) required to support Naval and Marine Corps aircraft engaged in RDTE&A. The Test Wing has over 130 aircraft consisting of 43 different types, models, and series. The Test Wing is composed of 3 test squadrons, Naval Test Pilot School, and RDT&E Aircraft 1-Level Maintenance. Naval Force Aircraft Test Squadron (VX-20) tests and evaluates all fixed wing anti-submarine, airborne early warning, strategic communications, and support aircraft including the C-2, KC-130, E-2, E/P-3, S-3, E-6, and T-34. Naval Rotary Wing Aircraft Test Squadron (HX-21) tests and evaluates all rotary and tilt wing aircraft including the H-1, H-3, H-53, H-57, H-60, and V-22. Naval Strike Aircraft Test Squadron (VX-22) tests and evaluates fixed wing fighter and attack aircraft including EA-6, F/A-18, and T-45. The Naval Test Pilot School trains test pilots, naval							

flight officers, and test engineers utilizing the following aircraft: P-3, H-60, T-38, T-2, H-6, H-58, U-1, U-6, X-26, F-18, and C-12. The RDT&E Aircraft Test resource is uniquely and integrally located within the Navy RDTE&A complex based at Patuxent River, Maryland.							
RDT&E Aircraft Test: The Naval Test Wing Atlantic provides the people, skills, aircraft, equipment, and facilities (8 hangars and other support buildings and unique facilities) required to support Naval and Marine Corps aircraft engaged in RDTE&A. The Test Wing has over 130 aircraft consisting of 43 different types, models, and series. The Test Wing is composed of 3 test squadrons, Naval Test Pilot School, and RDT&E Aircraft 1-Level Maintenance. Naval Force Aircraft Test Squadron (VX-20) tests and evaluates all fixed wing anti-submarine, airborne early warning, strategic communications, and support aircraft including the C-2,	(X)Installed System Test	(X)Information Systems Technology (C4ISR)	1998	441.0	270.0	293.0	278.0

KC-130, E-2, E/P-3, S-3, E-6, and T-34. Naval Rotary Wing Aircraft Test Squadron (HX-21) tests and evaluates all rotary and tilt wing aircraft including the H-1, H-3, H-53, H-57, H-60, and V-22. Naval Strike Aircraft Test Squadron (VX-22) tests and evaluates fixed wing fighter and attack aircraft including EA-6, F/A-18, and T-45. The Naval Test Pilot School trains test pilots, naval flight officers, and test engineers utilizing the following aircraft: P-3, H-60, T-38, T-2, H-6, H-58, U-1, U-6, X-26, F-18, and C-12. The RDT&E Aircraft Test resource is uniquely and integrally located within the Navy RDTE&A complex based at Patuxent River, Maryland.							
RDT&E Aircraft Test: The Naval Test Wing Atlantic provides the people, skills, aircraft, equipment, and facilities (8 hangars and other support buildings and unique facilities) required to support Naval and Marine Corps aircraft engaged in RDTE&A. The Test	(X)Installed System Test	(X)Sensors, Electronics, and Electronic Warfare	1998	15451.0	9452.0	10251.0	9721.0

Wing has over 130 aircraft consisting of 43 different types, models, and series. The Test Wing is composed of 3 test squadrons, Naval Test Pilot School, and RDT&E Aircraft 1-Level Maintenance. Naval Force Aircraft Test Squadron (VX-20) tests and evaluates all fixed wing anti-submarine, airborne early warning, strategic communications, and support aircraft including the C-2, KC-130, E-2, E/P-3, S-3, E-6, and T-34. Naval Rotary Wing Aircraft Test Squadron (HX-21) tests and evaluates all rotary and tilt wing aircraft including the H-1, H-3, H-53, H-57, H-60, and V-22. Naval Strike Aircraft Test Squadron (VX-22) tests and evaluates fixed wing fighter and attack aircraft including EA-6, F/A-18, and T-45. The Naval Test Pilot School trains test pilots, naval flight officers, and test engineers utilizing the following aircraft: P-3, H-60, T-38, T-2, H-6, H-58, U-1, U-6, X-26, F-18, and C-12. The RDT&E Aircraft Test							

resource is uniquely and integrally located within the Navy RDTE&A complex based at Patuxent River, Maryland.							
RDT&E Aircraft Test: The Naval Test Wing Atlantic provides the people, skills, aircraft, equipment, and facilities (8 hangars and other support buildings and unique facilities) required to support Naval and Marine Corps aircraft engaged in RDTE&A. The Test Wing has over 130 aircraft consisting of 43 different types, models, and series. The Test Wing is composed of 3 test squadrons, Naval Test Pilot School, and RDT&E Aircraft 1-Level Maintenance. Naval Force Aircraft Test Squadron (VX-20) tests and evaluates all fixed wing anti-submarine, airborne early warning, strategic communications, and support aircraft including the C-2, KC-130, E-2, E/P-3, S-3, E-6, and T-34. Naval Rotary Wing Aircraft Test Squadron (HX-21) tests and evaluates all rotary and tilt wing aircraft	(X)Installed System Test	(X)Weapons (Munitions & Armaments + Direct Energ	1998	574.0	351.0	381.0	361.0

including the H-1, H-3, H-53, H-57, H-60, and V-22. Naval Strike Aircraft Test Squadron (VX-22) tests and evaluates fixed wing fighter and attack aircraft including EA-6, F/A-18, and T-45. The Naval Test Pilot School trains test pilots, naval flight officers, and test engineers utilizing the following aircraft: P-3, H-60, T-38, T-2, H-6, H-58, U-1, U-6, X-26, F-18, and C-12. The RDT&E Aircraft Test resource is uniquely and integrally located within the Navy RDTE&A complex based at Patuxent River, Maryland.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications	(X)Digital Modeling & Simulation	(X)Air Platforms (Air Combat)	2003	3600.0	3600.0	3200.0	3600.0

labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar	(X)Installed System Test	(X)Air Platforms (Air Combat)	2001	3205.0	3205.0	2774.5	2110.5

Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs;	(X)Installed System Test	(X)Chemical & Biological Defense	2003	63.0	0	62.5	62.5

EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and	(X)Installed System Test	(X)Ground Vehicles (Land Combat)	2003	63.0	0	62.5	62.5

Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these							

facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight	(X)Installed System Test	(X)Information Systems Technology (C4ISR)	2003	63.0	0	62.5	62.5

propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF	(X)Installed System Test	(X)Sensors, Electronics, and Electronic Warfare	2002	5397.0	4441.0	5397.0	4606.0

interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data	(X)Integration Laboratory	(X)Air Platforms (Air Combat)	2003	63.0	0	62.5	62.5

collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors).	(X)Integration Laboratory	(X)Chemical & Biological Defense	2003	63.0	0	62.5	62.5

They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for	(X)Integration Laboratory	(X)Ground Vehicles (Land Combat)	2003	63.0	0	62.5	62.5

Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop	(X)Integration Laboratory	(X)Information Systems Technology (C4ISR)	2003	63.0	0	62.5	62.5

Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne	(X)Integration Laboratory	(X)Sensors, Electronics, and Electronic Warfare	2002	10268.0	10248.0	10268.0	9873.0

Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare	(X)Measurement	(X)Air Platforms (Air Combat)	2001	0	0	0	0

(ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne avionics systems is also provided at these facilities.							
Aircraft Avionics, Sensors, Electronic	(X)Measurement	(X)Sensors, Electronics, and Electronic Warfare	2001	2960.0	2960.0	2552.0	1808.0

Warfare (EW), Acoustics, and Electronics facilities and laboratores: Airborne Anti-Submarine Warfare (ASW) and Acoustic Signal Processing labs; EW and Radar Sensor Systems Labs; Standard Airborne Computer Lab; Aircraft Antenna and Radar Cross Section (RCS) Measurement lab; Avionics Closed Loop Test facility; and IFF and Communications labs. Provides specialized RDTE&A facilities and labs for Navy unique airborne avionics (accoustics, EW, antennas, IFF, communications, and electronic sensors). They also provide the development of highly classified non-traditional ASW techniques. The highly specialized data collection requirements and techniques mandate these facilities be located in the area relatively free of RF interference and adjacent to the marine environment, giving 360 degree of unobstructed line-of-sight propagation conditions. Fleet operator training using Navy airborne							

avionics systems is also provided at these facilities.							
Aircraft Software RDT&E Provides lead software support activity (SSA) functions for P-3, E-2C, C-2A and S-3B weapons systems. Specific capabilities include development of software to meet aircraft mission requirements, integration of software packages into pre-existing aircraft operational and mission flight programs, verification testing of developed software packages and production, delivery and installation of software into deployed aircraft. Utilizes laboratory facilities that include identical replicas of hardware installed in deployed aircraft (P-3, E-2C and S-3B). Simulators and Stimulators employed to provide real-time scenarios for use in validation and verification testing of developed software prior to software production and deliver to fleet. These resources provide 24 hour a day multiple system software	(X)Digital Modeling & Simulation	(X)Sensors, Electronics, and Electronic Warfare	2001	6200.0	6200.0	3120.0	4160.0

engineering environments, with networked Sun servers and workstations providing the processing and storage capability necessary for complex software development projects and hardware installation, integration, and testing. Provides capabilities for processing of classified software development activities. Finalized software packages are delivered to deployed aircraft for loading.							
Aircraft Software RDT&E Provides lead software support activity (SSA) functions for P-3, E-2C, C-2A and S-3B weapons systems. Specific capabilities include development of software to meet aircraft mission requirements, integration of software packages into pre-existing aircraft operational and mission flight programs, verification testing of developed software packages and production, delivery and installation of software into deployed aircraft. Utilizes laboratory facilities that include identical replicas of	(X)Hardware in the Loop	(X)Air Platforms (Air Combat)	2003	1694.0	768.0	914.0	1694.0

hardware installed in deployed aircraft (P-3, E-2C and S-3B). Simulators and Stimulators employed to provide real-time scenarios for use in validation and verification testing of developed software prior to software production and deliver to fleet. These resources provide 24 hour a day multiple system software engineering environments, with networked Sun servers and workstations providing the processing and storage capability necessary for complex software development projects and hardware installation, integration, and testing. Provides capabilities for processing of classified software development activities. Finalized software packages are delivered to deployed aircraft for loading.							
Aircraft Software RDT&E Provides lead software support activity (SSA) functions for P-3, E-2C, C-2A and S-3B weapons systems. Specific capabilities include development of	(X)Integration Laboratory	(X)Air Platforms (Air Combat)	2001	4016.0	4016.0	2214.0	2008.0

software to meet aircraft mission requirements, integration of software packages into pre-existing aircraft operational and mission flight programs, verification testing of developed software packages and production, delivery and installation of software into deployed aircraft. Utilizes laboratory facilities that include identical replicas of hardware installed in deployed aircraft (P-3, E-2C and S-3B). Simulators and Stimulators employed to provide real-time scenarios for use in validation and verification testing of developed software prior to software production and deliver to fleet. These resources provide 24 hour a day multiple system software engineering environments, with networked Sun servers and workstations providing the processing and storage capability necessary for complex software development projects and hardware installation, integration,							

and testing. Provides capabilities for processing of classified software development activities. Finalized software packages are delivered to deployed aircraft for loading.							
AVIATION SUPPORT EQUIPMENT (Lab ID 10097,10098,10099) A group of 3 separate labs providing RDTE&A support for various avionic and mechanical SE, engines and APUs, and aeronautical mechanical systems. 1. The CASS Product Evaluation/Verification Lab establishes the requirements and necessary documentation to evaluate avionic SE. Provides developmental design tests and assists, and supporting tests associated with avionics SE. Conducts TECHEVAL. Procides expertise to develop TECHEVAL Test Plans and TEMPs, and the ability to test and evaluate ATE HW/SW and ATE TPS. 2. The Open Air Engine Test Facility is a unique facility that includes 2 independent thrust engine run pads with jet blast deflectors, 4	(X)Hardware in the Loop	(X)Air Platforms (Air Combat)	2001	91897.0	91897.0	84698.0	77357.0

independent turbo-shaft engine run areas, and a complete APU test cell. This allows full performance runs of uninstalled engines in open air utilizing a variety of test cells. Pads have restraint systems embedded in 9 feet of reinforced concrete. All engine run areas are surrounded by a concrete berm for envoronmental protection. Buildings for engine preparation and storage of critical components are climate-controlled. Engine starts are facilitated by a large compressed air storage and delivery system. 3. The SE Mechanical Lab conducts operational effectiveness, suitability and supportability T&E of fixed and rotary wing PSE and CSE. Mechanical, pneumatic, hydraulic and electrical SE including: airframe and avionics SE, aircraft and armament handling, servicing, inspection, and maintenance SE and other equipment required to test, maintain, or operate aircraft, aircraft							

systems, or components ahore or at sea.							
AVIATION SUPPORT EQUIPMENT (Lab ID 10097,10098,10099) A group of 3 separate labs providing RDTE&A support for various avionic and mechanical SE, engines and APUs, and aeronautical mechanical systems. 1. The CASS Product Evaluation/Verification Lab establishes the requirements and necessary documentation to evaluate avionic SE. Provides developmental design tests and assists, and supporting tests associated with avionics SE. Conducts TECHEVAL. Procides expertise to develop TECHEVAL Test Plans and TEMPs, and the ability to test and evaluate ATE HW/SW and ATE TPS. 2. The Open Air Engine Test Facility is a unique facility that includes 2 independent thrust engine run pads with jet blast deflectors, 4 independent turbo-shaft engine run areas, and a complete APU test cell. This allows full performance runs of	(X)Hardware in the Loop	(X)Sensors, Electronics, and Electronic Warfare	2002	3653.0	3117.0	3653.0	3113.0

uninstalled engines in open air utilizing a variety of test cells. Pads have restraint systems embedded in 9 feet of reinforced concrete. All engine run areas are surrounded by a concrete berm for envoronmental protection. Buildings for engine preparation and storage of critical components are climate-controlled. Engine starts are facilitated by a large compressed air storage and delivery system. 3. The SE Mechanical Lab conducts operational effectiveness, suitability and supportability T&E of fixed and rotary wing PSE and CSE. Mechanical, pneumatic, hydraulic and electrical SE including: airframe and avionics SE, aircraft and armament handling, servicing, inspection, and maintenance SE and other equipment required to test, maintain, or operate aircraft, aircraft systems, or components ahore or at sea.							
AVIATION SUPPORT EQUIPMENT (Lab ID	(X)Hardware in the Loop	(X)Weapons (Munitions & Armaments + Direct	2002	3476.0	3110.0	3476.0	2193.0

10097,10098,10099) A group of 3 separate labs providing RDTE&A support for various avionic and mechanical SE, engines and APUs, and aeronautical mechanical systems. 1. The CASS Product Evaluation/Verification Lab establishes the requirements and necessary documentation to evaluate avionic SE. Provides developmental design tests and assists, and supporting tests associated with avionics SE. Conducts TECHEVAL. Procides expertise to develop TECHEVAL Test Plans and TEMPs, and the ability to test and evaluate ATE HW/SW and ATE TPS. 2. The Open Air Engine Test Facility is a unique facility that includes 2 independent thrust engine run pads with jet blast deflectors, 4 independent turbo-shaft engine run areas, and a complete APU test cell. This allows full performance runs of uninstalled engines in open air utilizing a variety of test cells. Pads have restraint systems embedded in 9		Energ					

feet of reinforced concrete. All engine run areas are surrounded by a concrete berm for envoronmental protection. Buildings for engine preparation and storage of critical components are climate-controlled. Engine starts are facilitated by a large compressed air storage and delivery system. 3. The SE Mechanical Lab conducts operational effectiveness, suitability and supportability T&E of fixed and rotary wing PSE and CSE. Mechanical, pneumatic, hydraulic and electrical SE including: airframe and avionics SE, aircraft and armament handling, servicing, inspection, and maintenance SE and other equipment required to test, maintain, or operate aircraft, aircraft systems, or components ahore or at sea.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive	(X)Digital Modeling & Simulation	(X)Air Platforms (Air Combat)	2003	1000.0	100.0	1000.0	1000.0

Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications							

systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland	(X)Digital Modeling & Simulation	(X)Information Systems Technology (C4ISR)	2003	1000.0	0	1000.0	1000.0

Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne	(X)Digital Modeling & Simulation	(X)Sensors, Electronics, and Electronic Warfare	2003	1000.0	0	1000.0	1000.0

platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration	(X)Hardware in the Loop	(X)Air Platforms (Air Combat)	2003	3359.0	1768.0	2014.0	3359.0

Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C	(X)Hardware in the Loop	(X)Sea Vehicles (Sea Combat)	2001	24989.0	24989.0	20472.0	19114.0

System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							

Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore	(X)Hardware in the Loop	(X)Sensors, Electronics, and Electronic Warfare	2002	1018.0	603.0	1018.0	332.0

communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle	(X)Installed System Test	(X)Air Platforms (Air Combat)	2003	8254.0	5694.0	5694.0	8254.0

(UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to	(X)Installed System Test	(X)Ground Vehicles (Land Combat)	2003	350.4	350.4	350.4	350.4

perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program	(X)Installed System Test	(X)Human Systems	2003	175.2	175.2	175.2	175.2

Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B	(X)Installed System Test	(X)Information Systems Technology (C4ISR)	2003	438.0	438.0	438.0	438.0

Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support.							

Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare	(X)Installed System Test	(X)Materials & Processes	2003	175.2	175.2	175.2	175.2

Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems	(X)Installed System Test	(X)Sensors, Electronics, and Electronic Warfare	2003	1752.0	1752.0	1752.0	1752.0

into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle	(X)Installed System Test	(X)Weapons (Munitions & Armaments + Direct Energ	2003	175.2	175.2	175.2	175.2

R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test	(X)Integration Laboratory	(X)Air Platforms (Air Combat)	2003	101792.0	99344.0	100016.0	101792.0

Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics							

and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and	(X)Integration Laboratory	(X)Sea Vehicles (Sea Combat)	2001	131260.0	131260.0	113920.0	108760.0

ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime	(X)Integration Laboratory	(X)Information Systems Technology (C4ISR)	2003	81200.0	62668.0	71981.0	81200.0

and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Air Platform Systems Integration facilities and laboratories: E-6B Airborne Strategic Communications Engineering and Test Facility;Executive Transport Helicopter Integration Labs; Ship Ground station; E2C System T&E Lab; Maritime Survelliance Aircraft Program Hardware Integration Center (PHIC); Unmanned Air Vehicle R&D Lab; and Naval Avionics Platform Integration Emulator	(X)Integration Laboratory	(X)Sensors, Electronics, and Electronic Warfare	2001	7748.0	7748.0	5424.0	7157.0

Systems Integration Lab. Provides specialized RDTE&A facilities and labs to perform integration of avionics and communication systems into Navy common airborne platforms and unique Navy maritime and national airborne platforms. These facilities also provide unmanned Air Vehicle (UAV) development and shipboard integration; Special Warfare Communications integration into platforms (both air and ground) for Homeland Security and other special missions; and AEGIS ship and shore communications RDTE&A and in-service engineering support. Operational training using fleet shipboard and airborne avionics and communications systems is also provided at these facilities.							
Aircraft Instrumentation & Modification. This Test Resource, centrally located among the Test Squadrons, provides integrated design, installation, and support of test article modifications and	(X)Open Air Ranges	(X)Air Platforms (Air Combat)	2002	529213.0	425595.5	529213.0	501705.5

instrumentation for NAWCAD/WD involving flight test and training programs. This capability has over 160,000 square feet of laboratory, shop, and office space and about 55,000 square feet of high-bay hangar deck. Over 280 experienced engineers, technicians, artisans, and craftsmen staff the facility. Provides support of test article modifications and instrumentation. Provides callibrations in the physical and RF/Microwave areas requiring accuracies of parts-per-million and is ANSI-Z-540 certified. Provides full service design, build-up, installation, calibration, maintenance, and support of video and film instrumentation, and 6-degrees of Freedom instrumentation packages. This data collection provides the necessary safe flight profiles for aircraft. Develops advanced on-board data collection systems to suppport test and development of complex weapons systems. Facilitates the development of DOD							

and industry-wide vehicular instrumentation systems standards promoting commonality and cost effectiveness. Supports Naval test programs by providing mechanical design, analysis, drafting and shop oversight for a wide range of T&E projects. Provides structural test and calibrations of aircraft and components. Is the Navy's Rapid Prototyping and Manufacturing facility providing rapid design, manufacturing and installations of equipment and hardware.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology	(X)Digital Modeling & Simulation	(X)Information Systems Technology (C4ISR)	2002	1434.0	0	1434.0	1387.0

demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and							

expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the	(X)Installed System Test	(X)Information Systems Technology (C4ISR)	2002	873.9	773.2	873.9	866.6

Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides							

onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important	(X)Measurement	(X)Information Systems Technology (C4ISR)	2003	248.0	178.0	198.0	248.0

RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River	(X)Open Air Ranges	(X)Information Systems Technology (C4ISR)	2003	481.0	453.0	423.0	481.0

RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment							

required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides	(X)Digital Modeling & Simulation	(X)Air Platforms (Air Combat)	2003	14402.9		12997.9	14402.9

RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a							

substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system	(X)Digital Modeling & Simulation	(X)Sea Vehicles (Sea Combat)	2003	306.0		123.0	306.0

demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides							

RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting	(X)Digital Modeling & Simulation	(X)Human Systems	2003	1036.0		659.0	1036.0

collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for							

the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an	(X)Digital Modeling & Simulation	(X)Sensors, Electronics, and Electronic Warfare	2003	1678.0	812.0	1560.0	1678.0

important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum	(X)Hardware in the Loop	(X)Air Platforms (Air Combat)	2001	317195.0	317195.0	121719.0	116823.0

support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning,							

research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft	(X)Hardware in the Loop	(X)Sea Vehicles (Sea Combat)	2002	28818.0	32929.0	28818.0	27374.0

technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and							

supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development,	(X)Hardware in the Loop	(X)Materials & Processes	2002	33135.0	31699.0	33135.0	32570.0

production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast							

array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry	(X)Hardware in the Loop	(X)Sensors, Electronics, and Electronic Warfare	2002	4671.0	3720.0	4671.0	3445.0

ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are							

co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering	(X)Hardware in the Loop	(X)Weapons (Munitions & Armaments + Direct Energ	2002	3476.0	3110.0	3476.0	2193.0

Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft	(X)Installed System Test	(X)Air Platforms (Air Combat)	2003	147745.0	117588.9	151048.9	147745.0

and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis,							

technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of	(X)Installed System Test	(X)Sea Vehicles (Sea Combat)	2002	2444.1	2247.9	2444.1	765.9

Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other							

Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet	(X)Installed System Test	(X)Human Systems	2003	175.2	175.2	175.0	175.2

operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development,							

ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In	(X)Installed System Test	(X)Materials & Processes	2003	175.2	175.2	175.2	175.2

addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							

RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these	(X)Installed System Test	(X)Sensors, Electronics, and Electronic Warfare	2002	23015.1	20503.2	23015.1	19791.5

engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems	(X)Installed System Test	(X)Weapons (Munitions & Armaments + Direct Energ	2003	824.3	1840.9	1461.7	824.3

per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and							

miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including	(X)Measurement	(X)Air Platforms (Air Combat)	2003	14120.0	12963.0	13912.0	14120.0

technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active							

participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering.	(X)Measurement	(X)Sea Vehicles (Sea Combat)	2003	163.0	155.0	135.0	163.0

It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent							

River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources,	(X)Measurement	(X)Human Systems	2003	11096.0	9241.0	10947.0	11096.0

significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD	(X)Measurement	(X)Materials & Processes	2003	105770.0	100583.0	103262.0	105770.0

Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces							

and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership	(X)Measurement	(X)Sensors, Electronics, and Electronic Warfare	2003	4489.0	3500.0	3800.0	4489.0

areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability							

encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and	(X)Measurement	(X)Weapons (Munitions & Armaments + Direct Energ	2003	5500.0	4700.0	5200.00	5500.0

validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs							

and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD	(X)Open Air Ranges	(X)Air Platforms (Air Combat)	2002	301546.0	262325.5	301546.0	32732.0

Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A							

engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and	(X)Open Air Ranges	(X)Sea Vehicles (Sea Combat)	2003	481.0	453.0	423.0	481.0

equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability	(X)Open Air Ranges	(X)Sensors, Electronics, and Electronic Warfare	2003	6545.0	3626.0	3392.0	6545.0

provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for							

RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
RDTE&A Engineering Capability. NAWCAD Patuxent River RDTE&A capability provides full spectrum support for Navy fixed/rotary wing aircraft and all related missions and support systems per CNO assigned mission/leadership areas. It provides RDT&E technical	(X)Open Air Ranges	(X)Weapons (Munitions & Armaments + Direct Energ	2003	3850.0	3626.0	3392.0	3850.0

expertise in all aircraft technical disciplines and supports all phases of Navy Aviation's life cycle including technology demonstration and validation, system demonstration and development, production and deployment. Fleet operations and Fleet in-service engineering. It also serves as the Navy's aircraft SDD Principal Site supporting collocated government-industry ITTs for major development efforts. In addition to the other Test Resources, significant/important RDTE&A facilities and equipment play an important roll. The RDTE&A Engineering Capability encompasses these engineering office facilities, SCIF spaces and equipment required/used for RDTE&A planning, research, testing, data processing/analysis, technical documentation, and miscellaneous technical support. This capability encompasses a substantial portion of							

the technical talent and supporting resources that utilize the other Test Resources and provide active participation and expertise for the ITTs and IPTs. It provides RDTE&A engineering co-located with the vast array of aircraft research, development, ground and flight test capabilities at Patuxent River. It also provides onsite RDTE&A engineering support for the Navy aircraft PEOs and PMs which are co-located at Patuxent River.							
How many test events were done in the Max Yr? (Count)	**Labor Hours Expended in the Max Yr (Hrs)**	**FY01 Number of Test Events (Count)**	**FY02 Number of Test Events (Count)**	**FY03 Number of Test Events (Count)**	**FY01 Number of Labor Hours Expended (Hrs)**	**FY02 Number of Labor Hours Expended (Hrs)**	**FY03 Number of Labor Hours Expended (Hrs)**
77.0	5145.0	55.0	50.0	17.0	14940.0	21743.0	7393.0
43.0	10482.0	52.0	43.0	56.0	4980.0	10482.0	13651.0
49.0	8385.0	49.0	0	0	8385.0	0	0
1105.0	73056.0	689.0	752.0	909.0	64629.0	94820.0	114616.0
19.0	78902.3	34.0	30.0	19.1	81560.5	81963.7	78902.3
1.0	1384.3	1.0	1.0	1.0	1430.9	1438.0	1384.3
14.0	56754.3	24.0	22.0	14.0	58666.3	58956.4	56754.3
1.0	1384.3	1.0	1.0	1.0	1430.9	1438.0	1384.3
0	5470.0	0	0	0	3338.0	4873.0	4774.0
100.0	2800.0	100.0	100.0	100.0	3400.0	2874.0	2800.0
340.0	15377.0	603.0	846.0	340.0	855.0	14608.0	15377.0
0	189.0	0	0	0	0	180.0	189.0
0	939.0	0	0	0	0	892.0	939.0
0	2252.0	0	0	0	0	2139.0	2252.0
0	696.0	0	0	0	600.0	0	696.0
132.0	3000.0	105.0	118.0	132.0	2760.0	2880.0	3000.0

2.0	230.0	2.0	2.0	2.0	210.0	220.0	230.0
22.0	500.0	18.0	20.0	22.0	460.0	480.0	500.0
20.0	270.0	16.0	18.0	20.0	250.0	260.0	270.0
44.0	1000.0	36.0	40.0	44.0	920.0	960.0	1000.0
29.0	7395.0	29.0	26.0	28.0	7395.0	8700.0	8700.0
0	138250.0	0	0	0	132250.0	134750.0	138250.0
57.0	13050.0	30.0	49.0	57.0	6868.4	11218.4	13050.0
380.0	25165.0	348.0	362.0	380.0	16764.0	23395.0	25165.0
512.0	0	413.0	399.0	448.0	6519.0	5690.0	6594.0
60.0	875.0	55.0	60.0	0	869.0	875.0	0
153.0	2188.0	82.0	153.0	112.0	1304.0	2188.0	1648.0
120.0	2790.0	100.0	120.0	115.0	2500.0	2790.0	2650.0
0	63172.0	0	0	0	63172.0	53175.0	57895.0
0	6803.0	0	0	0	5392.0	2931.0	6803.0
0	36086.0	0	0	0	26993.0	26056.0	36086.0
0	20198.0	0	0	0	20198.0	20198.0	39136.0
0	36318.0	0	0	0	36318.0	26686.0	35700.0
0	17999.0	0	0	0	17999.0	16424.0	16245.0
0	3758.0	0	0	0	2673.0	4048.0	3758.0
0	8787.0	0	0	0	6307.0	8787.0	8532.0
0	2831.0	0	0	0	2831.0	2723.0	2613.0
28726.0	380870.0	28726.0	27478.0	23149.0	380870.1	381835.1	396569.3
378.0	5135.0	378.0	366.0	271.0	5135.1	5084.5	4638.8
323.0	4279.3	323.0	305.0	226.0	4279.3	4244.4	3872.6
11299.0	149806.5	11299.0	10686.0	7905.0	149806.5	148494.9	135416.5
420.0	5563.1	420.0	397.0	294.0	5563.1	5519.1	5028.8
278.0	21560.0	205.0	193.0	278.0	23174.0	18953.0	21560.0
7870.0	610958.0	5825.0	5463.0	7870.0	656636.0	537003.0	610958.0
81.0	6288.0	60.0	56.0	81.0	6757.0	5527.0	6288.0
116.0	8983.0	86.0	80.0	116.0	9652.0	7895.0	8983.0
694.0	53910.0	514.0	482.0	694.0	57938.0	47385.0	53910.0
648.0	50315.0	480.0	450.0	648.0	54073.0	44222.0	50315.0
926.0	71879.0	685.0	643.0	926.0	77247.0	63175.0	71879.0
622.0	12804.0	251.0	217.0	324.0	7163.0	5866.0	8638.0
0	40.0	0	0	0	0	40.0	0
0	0	0	0	0	0	0	0
809.0	31231.0	725.0	698.0	809.0	28451.0	26483.0	31231.0

20.0	506.0	11.0	20.0	15.0	318.0	506.0	402.0
627.0	34188.0	598.0	585.0	627.0	32368.0	32484.0	34188.0
250.0	201305.9	237.0	250.0	250.0	229141.9	201305.9	201305.9
3	2455.0	0	3.0	0	0	2455.0	0
18.0	17403.2	18.0	12.0	12.0	17403.2	9819.8	9819.8
12.0	9819.8	12.0	12.0	12.0	11602.1	9819.8	9819.8
22.0	17184.7	21.0	22.0	22.0	20303.7	17184.7	17184.7
12.0	11602.0	12.0	6.0	6.0	11602.1	4909.9	4909.9
3094.0	100250.0	2823.0	3488.0	3094.0	108795.0	103492.0	100250.0
1195.0	9150.0	1195.0	1195.0	1175.0	8520.0	9150.0	9460.0
5951.0	52950.0	5985.0	5951.0	5845.0	47980.0	52950.0	54790.0
1370.0	58340.0	1135.0	1324.0	1370.0	54304.0	55270.0	58340.0
0	1824514.0	0	0	0	1736540.0	1819775.0	1831177.0
0	44718.0	0	0	0	33884.0	35508.0	35730.0
0	29812.0	0	0	0	28236.0	29590.0	29775.0
0	1043431.0	0	0	0	988275.0	1035644.0	1042133.0
0	38756.0	0	0	0	36707.0	38467.0	38708.0
125.0	46800.0	110.0	110.0	125.0	39600.0	46800.0	46800.0
697.0	12127.0	697.0	659.0	528.0	12127.0	12734.3	10116.0
1.0	572.0	0	1.0	1.0	0	476.3	572.0
1.0	572.0	0	1.0	1.0	0	476.3	572.0
1.0	572.0	0	1.0	1.0	0	476.3	572.0
1064.0	24938.0	454.0	1064.0	426.0	20640.0	24937.6	23862.0
1.0	572.0	0	1.0	1.0	0	476.3	572.0
1.0	572.0	0	1.0	1.0	0	476.3	572.0
1.0	572.0	0	1.0	1.0	0	476.3	572.0
1.0	572.0	0	1.0	1.0	0	476.3	572.0
474.0	216738.6	472.0	474.0	474.0	223226.0	216738.6	220900.0
0	0	0	0	0	0	0	0
0	37302.0	0	0	0	37302.0	37267.0	37454.0
1155.0	4680.0	1155.0	550.0	720.0	4680.0	3120.0	3120.0
486.0	4342.0	295.0	311.0	486.0	4771.0	9413.0	4342.0
2006.0	11545.0	2006.0	1554.0	1403.0	11545.0	24361.5	9495.0
817.0	126597.0	817.0	779.0	762.0	126597.0	117625.0	109179.0
6.0	6088.0	4.0	6.0	8.0	5195.0	6088.0	5188.0
18.0	5793.0	9.0	18.0	17.0	5184.0	5793.0	3654.0
0	3333.0	0	0	0	1000.0	3333.0	3333.0

0	3333.0	0	0	0	0	3333.0	3333.0
0	3333.0	0	0	0	0	3333.0	3333.0
528.0	16519.5	295.0	311.0	528.0	13569.0	13979.0	16519.0
1192.0	36046.0	1192.0	1273.0	1005.0	36046.0	33614.0	36015.0
432.0	12143.0	146.0	432.0	165.0	6322.0	12143.0	13044.0
6014.0	34821.0	5694.0	5694.0	6014.0	11986.0	13221.0	34821.0
350.4	813.6	350.4	350.4	350.4	737.6	813.6	813.6
175.2	406.8	175.2	175.2	175.2	368.8	406.8	406.8
438.0	1017.0	438.0	438.0	438.0	922.0	1017.0	1017.0
175.2	406.8	175.2	175.2	175.2	368.8	406.8	406.0
1752.0	4068.0	1752.0	1752.0	1752.0	3688.0	4068.0	4068.0
175.2	406.8	175.2	175.2	175.2	368.8	406.8	406.8
422.0	139770.0	472.0	342.0	422.0	126272.0	132250.0	139770.0
1542.0	437448.0	1542.0	1157.0	1157.0	437448.0	379560.0	362280.0
3010.0	370136.0	2220.0	2700.0	3010.0	304120.0	332908.0	370136.0
2150.0	74727.0	2150.0	1368.0	1766.0	74727.0	60552.0	77878.0
9878.0	529213.0	10537.0	9878.0	4080.0	425596.0	529213.0	501705.5
49.0	5907.6	0	49.0	0	0	5907.6	5256.9
440.0	20792.3	439.0	440.0	440.0	22640.6	20792.3	19563.0
0	2382.9	0	0	0	1529.9	2280.5	2382.9
116.0	5366.2	86.0	80.0	116.0	7144.0	5047.6	5366.2
199.0	87905.9		209.0	199.0		96534.5	87905.9
	2080.4					900.6	2080.4
56.0	34816.7		43.0	56.0		32199.8	34816.7
	36202.6				21955.9	23492.3	36202.6
8157.0	234773.6	8157.0	8903.0	8924.0	234773.6	363882.1	288176.1
3168.0	43832.8	3077.0	3168.0	2875.0	31494.7	43832.8	51084.8
7451.0	57894.8	7415.0	7451.0	7340.0	36864.2	57894.8	65688.5
438.0	16980.0	150.0	438.0	173.0	7438.1	16980.0	18730.6
18.0	5395.5	9.0	18.0	17.0	3348.0	5395.5	3753.9
12533.0	2734388.7	10113.0	10801.0	12533.0	2831347.0	2643288.3	2734388.7
423.4	77510.4	417.4	423.4	351.4	52297.5	77510.4	38324.7
175.2	417.9	175.2	175.0	175.2	238.2	379.1	417.9
175.2	417.9	175.2	175.2	175.2	238.2	378.9	417.9
2875.0	1063724.9	2268.0	2875.0	2230.0	705283.1	1063724.9	1159628.0
281.2	46026.2	281.2	355.2	303.2	33409.5	46620.1	46026.2
582.0	46140.2	643.0	733.0	582.0	28801.0	46368.0	46140.2

	2575.6				1475.1	1030.1	2575.6
554.0	25907.6	614.0	707.0	554.0	13374.6	23509.0	25907.6
	143927.0				90156.5	130396.4	143927.0
278.0	65072.1	160.0	180.0	278.0		2421.6	65072.1
220.0	5136.7	174.0	196.0	220.0	2970.8	4470.6	5136.7
15341.0	754159.6	16362.0	15341.0	7870.0	573591.7	754159.6	627665.1
116.0	67039.8	86.0	80.0	116.0	43655.2	51486.9	67039.8
1574.0	125535.5	685.0	643.0	1574.0	49888.7	58840.1	125535.5
926.0	73844.6	685.0	643.0	926.0	49888.7	58840.1	73844.6
FY01 % of total labor hours overtime (%)	**FY02 % of total labor hours overtime (%)**	**FY03 % of total labor hours overtime (%)**	**FY01 Facility hours lost for any reason (Hrs)**	**FY02 Facility hours lost for any reason (Hrs)**	**FY03 Facility hours lost for any reason (Hrs)**	**FY03 % Research workload (%)**	**FY03 % D&A workload (%)**
4	4	4	27	18	27	3	5
4	4	4	27	18	27	3	5
4	0	0	27	18	27	0	0
4	4	5	27	18	27	3	5
2	2	2	72	56	88	12	1
2	2	2	72	56	88	12	1
2	2	2	72	56	88	12	1
2	2	2	72	56	88	12	1
0	0	0	0	0	0	5	70
12	15	15	100.0	100.0	100.0	23	27
3	0	0	24.0	0	0	1	60
0	0	0	0	0	0	1	60
0	0	0	0	0	0	1	60
0	0	0	0	0	0	1	60
0	0	0	0	0	0	5	70
5	5	5	210.0	199.0	186.0	40	35
1	1	1	20.0	20.0	20.0	40	30
1	1	1	35.0	34.0	33.0	40	35
1	1	1	15.0	14.0	13.0	40	40
2	2	2	70.0	68.0	64.0	40	35
1	2	2	0	0	0	10	0
0	0	0	0	0	0	36	35
10	10	10	336.0	168.0	336.0	15	80
7	7	10	178.0	186.0	346.0	2	87
1	1	2	24.0	0	0	10	10

1	1	0	0	0	0	0	0
1	1	2	0	0	0	10	10
2	2	2	0	0	0	0	100
3	4	6	30.0	30.0	38.0	47	44
8	3	5	30.0	30.0	38.0	21	54
9	5	3	30.0	30.0	28.0	15	80
4	5	4	30.0	30.0	28.0	47	34
8	5	7	30.0	30.0	28.0	44	39
4	3	4	457.0	474.0	459.0	18	58
5	5	5	207.0	207.0	293.0	26	46
3	4	4	281.0	242.0	259.0	35	52
1	1	2	59.0	60.0	58.0	12	74
0	0	0	20.5	18.0	26.0	10	10
0	0	0	0	0	0	10	10
0	0	0	0	0	0	10	10
0	0	0	6.0	6.0	6.0	10	10
0	0	0	0	0	0	10	10
2	3	6	14.0	12.0	18.0	1	1
5	6	9	14	12.0	18.0	1	1
2	3	6	14	12.0	18.0	1	1
2	3	6	14	12.0	18.0	1	1
2	3	6	14	12.0	18.0	1	1
2	3	6	14	12.0	18.0	1	1
2	3	6	14	12.0	18.0	1	1
17	9	7	432.0	599.0	832.0	10	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
10	10	10	49.0	42.0	97.0	0	92
17	9	7	19.0	55.0	39.0	0	0
10	10	10	20.0	0	0	0	95
4	4	4	32.0	0	8.0	0	0
0	4	0	0	0	0	0	0
4	4	4	32	0	8	0	0
4	4	4	32	0	8	0	0
4	4	4	32	0	8	0	0
4	4	4	32	0	8	0	0
3	3	3	48.0	0	24.0	14	39

1	1	1	48.0	0	24.0	27	33
2	2	2	48.0	0	24.0	8	22
2	2	2	48.0	0	24.0	15	16
3	3	3	44.0	15.0	25.0	10	10
3	3	3	0	0	0	10	10
3	3	3	0	0	0	10	10
3	3	3	28.0	9.0	15.0	10	10
3	3	3	0	0	0	10	10
10	5	5	50.0	50.0	50.0	25	50
6	3	2	317.0	321.0	321.0	7	0
0	10	10	0	4.0	4.0	64	0
0	10	10	0	4.0	4.0	64	0
0	10	10	0	4.0	4.0	64	0
6	6	6	123.0	138.0	120.0	7	27
0	10	10	0	4.0	4.0	64	0
0	10	10	0	4.0	4.0	64	0
0	10	10	0	4.0	4.0	64	0
0	10	10	0	4.0	4.0	64	0
9	7	7	20.0	4.0	4.0	51	43
0	0	0	0	0	0	0	0
10	10	10	168.0	168.0	1248.0	10	80
5	0	0	40.0	40.0	40.0	0	100
3	2	5	18.0	120.0	18.0	0	22
6	13	4	60.0	24.0	32.0	11	41
3	3	4	0	0	0	5	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	7	4
0	5	5	4.0	4.0	4.0	60	10
0	5	5	0	4.0	4.0	60	10
0	5	5	0	4.0	4.0	60	10
10	15	21	0	120.0	0	8	19
5	3	13	20.0	0	0	0	9
5	7	28	0	0	0	0	0
0	0	6	0	0	0	18	20
0	0	0	0	0	0	30	20
0	0	0	0	0	0	30	20
0	0	0	0	0	0	30	20

0	0	0	0	0	0	30	20
0	0	0	0	0	0	30	20
0	0	0	0	0	0	30	20
4	5	6	194.0	267.0	1387.0	6	70
4	3	3	100.0	160.0	80.0	0	70
2	2	3	20.0	0	20.0	2	83
10	8	9	100.0	80.0	92.0	13	43
5	7	5	0	0	0	0	0
0	2	3	0	0	9.0	17	33
2	2	3	9.0	0	9.0	17	33
2	2	3	9.0	0	9.0	17	33
2	2	3	9.0	0	9.0	17	33
0	2	3			9.0	9	30
0	2	3			9.0	7	33
0	2	3			9.0	12	59
2	2	3	9.0		9.0	12	59
2	2	3	9.0		9.0	9	30
2	2	3	9.0		9.0	12	53
2	2	3	9.0		9.0	12	53
2	2	3	9.0		9.0	8	24
2	2	3	9.0		9.0	8	24
2	2	3	9.0		9.0	7	34
2	2	3	9.0		9.0	8	19
2	2	3	9.0		9.0	7	33
2	2	3	9.0		9.0	7	33
2	2	3	9.0		9.0	7	34
2	2	3	9.0		9.0	8	19
2	2	3	9.0		9.0	8	19
2	2	3	9.0		9.0	7	33
2	2	3	9.0		9.0	8	24
2	2	3	9.0		9.0	9	30
2	2	3		9.0	9.0	12	53
2	2	3	9.0		9.0	8	24
2	2	3	9.0		9.0	7	34
2	2	3	9.0		9.0	17	59
2	2	3	9.0		9.0	9	30
2	2	3	9.0		9.0	12	53

FY03 % T&E workload (%)	FY03 % other workload (%)	FY02 % Research workload (%)	FY02 % D&A workload (%)	FY02 % T&E workload (%)	FY02 % other workload (%)	FY01 % Research workload (%)	FY01 % D&A workload (%)
92	0	3	5	92	0	3	5
92	0	3	5	92	0	3	5
0	0	0	0	0	0	3	5
92	0	3	5	92	0	3	5
87	0	12	1	87	0	12	1
87	0	12	1	87	0	12	1
87	0	12	1	87	0	12	1
87	0	12	1	87	0	12	1
25	0	5	70	25	0	5	70
28	22	23	28	28	21	19	22
39	0	1	60	39	0	0	100
39	0	1	60	39	0	0	0
39	0	1	60	39	0	0	0
39	0	1	60	39	0	0	0
25	0	0	0	0	0	0	0
25	0	40	35	25	0	40	35
30	0	40	30	30	0	40	30
25	0	40	35	25	0	40	35
20	0	40	40	20	0	40	40
25	0	40	35	25	0	40	35
90	0	10	0	90	0	10	0
29	0	37	34	29	0	30	37
5	0	15	80	5	0	15	85
10	0	3	87	10	0	4	85
80	0	10	10	80	0	5	10
0	0	10	10	80	0	5	10
80	0	10	10	80	0	5	10
0	0	0	100	0	0	0	100
9	0	34	58	8	0	31	54
25	0	45	51	4	0	55	24
5	0	29	42	29	0	31	47
19	0	35	34	31	0	44	39
17	0	43	39	18	0	54	33
19	5	24	56	16	3	15	68
28	0	29	53	18	0	21	61

13	0	39	45	16	1	40	41
7	8	9	74	10	8	9	72
75	5	10	10	75	5	10	10
75	5	10	10	75	5	10	10
75	5	10	10	75	5	10	10
75	5	10	10	75	5	10	10
75	5	10	10	75	5	10	10
98	0	1	1	98	0	1	1
98	0	1	1	98	0	1	1
98	0	1	1	98	0	1	1
98	0	1	1	98	0	1	1
98	0	1	1	98	0	1	1
98	0	1	1	98	0	1	1
98	0	1	1	98	0	1	1
85	5	0	10	85	5	10	30
0	0	0	0	100	0	0	0
100	0	0	0	100	0	0	0
8	0	0	94	6	0	0	93
100	0	0	0	100	0	0	0
5	0	0	95	5	0	0	95
100	0	2	0	98	0	0	0
0	0	0	0	100	0	0	0
100	0	0	0	100	0	0	0
100	0	0	0	100	0	0	0
100	0	0	0	100	0	0	0
100	0	0	0	100	0	0	0
47	0	11	38	51	0	10	46
40	0	31	31	38	0	24	31
70	0	10	30	60	0	10	18
61	8	13	16	59	12	9	14
75	5	10	10	75	5	10	10
75	5	10	10	75	5	10	10
75	5	10	10	75	5	10	10
75	5	10	10	75	5	10	10
75	5	10	10	75	5	10	10
25	0	25	50	25	0	25	50
93	0	6	0	94	0	3	0

36	0	64	0	36	0	0	0
36	0	64	0	36	0	0	0
36	0	64	0	36	0	0	0
56	10	6	25	55	14	3	21
36	0	64	0	36	0	0	0
36	0	64	0	36	0	0	0
36	0	64	0	36	0	0	0
36	0	64	0	36	0	0	0
5	0	50	44	5	0	54	41
0	0	0	0	0	0	0	0
10	0	10	80	10	0	40	50
0	0	0	100	0	0	0	100
78	0	0	22	78	0	0	22
48	0	23	45	32	0	7	59
93	0	4	4	92	0	4	2
100	0	0	0	100	0	0	0
89	0	27	4	69	0	22	6
30	0	60	10	30	0	60	10
30	0	60	10	30	0	0	0
30	0	60	10	30	0	0	0
73	0	11	30	59	0	10	37
91	0	0	9	91	0	0	11
100	0	0	0	100	0	0	0
62	0	30	20	50	0	30	20
50	0	30	20	50	0	30	20
50	0	30	20	50	0	30	20
50	0	30	20	50	0	30	20
50	0	30	20	50	0	30	20
50	0	30	20	50	0	30	20
50	0	30	20	50	0	30	20
23	2	3	72	23	2	3	74
30	0	0	70	30	0	0	70
15	0	1	84	15	0	1	84
42	1	5	34	61	1	9	43
100	0	0	0	100	0	0	0
50	0	12	38	50	0	0	0
50	0	12	38	50	0	13	49

50	0	12	38	50	0	13	49
50	0	12	38	50	0	13	49
61	0	7	34	59	0	0	0
60	0	7	34	59	0	0	0
28	0	8	24	68	0	0	0
28	0	8	24	68	0	8	24
61	0	8	24	68	0	8	24
35	0	17	58	25	0	17	58
35	0	9	23	69	0	17	58
67	0	9	23	69	0	9	23
67	0	12	54	34	0	12	54
59	0	12	54	34	0	12	54
73	0	12	54	34	0	12	54
60	0	11	33	57	0	11	33
60	0	11	33	57	0	11	33
59	0	8	36	57	0	8	36
73	0	8	36	57	0	8	36
73	0	8	36	57	0	9	33
60	0	9	33	58	0	9	33
68	0	9	33	58	0	9	33
61	0	23	53	24	0	23	53
35	0	23	53	24	0	15	22
67	0	15	22	64	0	15	22
59	0	17	59	24	0	17	59
24	0	17	59	24	0	17	59
61	0	10	47	42	0	10	47
35	0	10	47	42	0	10	47
FY01 % T&E workload (%)	**FY01 % other workload (%)**	**FY01 facility hours lost to maintenance (Hrs)**	**FY02 facility hours lost to maintenance (Hrs)**	**FY03 facility hours lost to maintenance (Hrs)**	**FY01 facility hours lost to weather (Hrs)**	**FY02 facility hours lost to weather (Hrs)**	**FY03 facility hours lost to weather (Hrs)**
92	0	0	18.0	9.0	18.0	0	18.0
92	0	0	18.0	9.0	18.0	0	18.0
92	0	0	18.0	9.0	18.0	0	18.0
92	0	0	18.0	9.0	18.0	0	18.0
87	0	0	0	0	0	0	16.0
87	0	0	0	0	0	0	16.0
87	0	0	0	0	0	0	16.0

87	0	0	0	0	0	0	16.0
25	0	96	96	480	0	0	0
23	36	244	244	148	24	24	24
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	100	96	0	0	0	0	0
25	0	150.0	150.0	150.0	36.0	33.0	36.0
30	0	15.0	15.0	15.0	3.0	3.0	3.0
25	0	25.0	25.0	25.0	6.0	6.0	6.0
20	0	10.0	10.0	10.0	3.0	3.0	3.0
25	0	50.0	50.0	50.0	12.0	12.0	12.0
90	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0
0	0	49.0	49.0	49.0	9.0	9.0	9.0
11	0	170.0	170.0	330.0	0	0	0
80	5	0	0	0	0	0	0
85	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
15	0	30	30	30	0	0	8
21	0	30	30	30	0	0	8
22	0	30	30	20	0	0	8
17	0	30	30	30	0	0	8
13	0	30	30	30	0	0	8
15	2	410.0	420.0	410.0	47.0	54.0	49.0
17	0	155.0	171.0	240.0	52	36	48
17	2	199.0	390.0	202.0	41.0	43.0	57.0
9	10	20	20	20	39.0	40.0	38.0
75	5	18.0	18.0	18.0	0	0	8.0
75	5	0	0	0	0	0	0
75	5	0	0	0	0	0	0
75	5	6.0	6.0	6.0	0	0	0
75	5	0	0	0	0	0	0
98	0	0	0	0	0	0	9
98	0	0	0	0	0	0	9

98	0	0	0	0	0	0	9
98	0	0	0	0	0	0	9
98	0	0	0	0	0	0	9
98	0	0	0	0	0	0	9
98	0	0	0	0	0	0	9
55	5	285.0	488.0	840.0	57.0	54.0	55.0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
7	0	23.0	35.0	0	4.0	4.0	14.0
100	0	20.0	45.0	0	3.0	6.0	3.0
5	0	0	0	0	0	0	8.0
100	0	0	0	0	32.0	0	8.0
0	0	0	0	0	0	0	0
100	0	0	0	0	32.0	0	8.0
100	0	0	0	0	32.0	0	8.0
100	0	0	0	0	32.0	0	8.0
100	0	0	0	0	32.0	0	8.0
44	0	0	0	0	48.0	0	24.0
45	0	0	0	0	48.0	0	24.0
72	0	0	0	0	48.0	0	24.0
70	7	0	0	0	48.0	0	24.0
75	5	0	0	0	4.0	4.0	15.0
75	5	0	0	0	0	0	0
75	5	0	0	0	0	0	0
75	5	0	0	0	4.0	4.0	9.0
75	5	0	0	0	0	0	0
25	0	30.0	30.0	30.0	10.0	10.0	10.0
97	0	104.0	108.0	108.0	168.0	168.0	168.0
0	0	0	4.0	4.0	0	0	0
0	0	0	4.0	4.0	0	0	0
0	0	0	4.0	4.0	0	0	0
65	11	79.0	78.0	69.0	42.0	42.0	42.0
0	0	0	4.0	4.0	0	0	0
0	0	0	4.0	4.0	0	0	0
0	0	0	4.0	4.0	0	0	0
0	0	0	4.0	4.0	0	0	0
5	0	0	4.0	4.0	0	0	8.0

0	0	0	0	0	0	0	0
10	0	168.0	168.0	168.0	80.0	80.0	100.0
0	0	40.0	40.0	40.0	0	0	8.0
78	0	18.0	120.0	18.0	8.0	18.0	16.0
34	0	212.0	214.0	214.0	49.5	12.0	21.0
94	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0
30	0	0	0	0	4.0	4.0	4.0
0	0	0	0	0	0	4.0	4.0
0	0	0	0	0	0	4.0	4.0
52	0	0	120.0	0	8.0	18.0	16.0
89	0	0	0	0	0	0	8.0
100	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
21	2	172.0	252.0	1320.0	8.0	9.0	27.0
30	0	80.0	160.0	80.0	0	0	8.0
15	0	0	0	0	8.0	0	8.0
40	7	80.0	80.0	80.0	24.0	24.0	44.0
100	0	0	0	0	0	0	0
0	0	0	0	0	0	0	9.0
38	0	0	0	0	0	0	9.0
38	0	0	0	0	0	0	9.0
38	0	0	0	0	0	0	9.0
0	0						9.0
0	0						9.0
0	0						9.0
68	0						9.0
68	0						9.0
25	0						9.0
25	0						9.0

69	0						9.0
34	0						9.0
34	0						9.0
34	0						9.0
57	0						9.0
57	0						9.0
57	0						9.0
57	0						9.0
58	0						9.0
58	0						9.0
58	0						9.0
24	0						9.0
64	0						9.0
64	0						9.0
24	0						9.0
24	0						9.0
42	0						9.0
42	0						9.0

FY01 facility hours lost to utilities (Hrs)	FY02 facility hours lost to utilities (Hrs)	FY03 facility hours lost to utilities (Hrs)
9.0	0	0
9.0	0	0
9.0	0	0
9.0	0	0
56.0	56.0	56.0
56.0	56.0	56.0
56.0	56.0	56.0
56.0	56.0	56.0
0	0	0
29	29	29
24	0	0
0	0	0
0	0	0
0	0	0
0	0	0
27.0	27.0	15.0
2.0	2.0	0

4.0	4.0	2.0
2.0	2.0	2.0
8.0	8.0	4.0
0	0	0
0	0	0
72.0	72.0	72.0
8.0	16.0	16.0
24.0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2.5	0	0
0	0	0
0	0	0
0	0	0
0	0	0
6	0	4
6	0	4
6	0	4
6	0	4
6	0	4
6	0	4
6	0	4
88.0	54.0	64.0
0	0	0
0	0	0
0	4.0	0
0	6.0	0

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
10.0	10.0	10.0
45.0	45.0	45.0
0	0	0
0	0	0
0	0	0
18.0	18.0	18.0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
40.0	40.0	720.0
0	0	0
0	0	0
16.0	16.0	16.0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
22.0	14.0	48.0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

Section : Utilization

8.4.A.-(DoD84) FOIA (b) (2)

8.4.B.-(DoD85) FOIA (b) (2)

8.4.C.-(DoD86) FOIA (b) (2)