

NAVY TRAINING PLAN
FOR THE
A/R/UGM-84D/F HARPOON
AIR LAUNCHED MISSILE SYSTEM

A-50-8211B/A

JUNE 1996

Enclosure (1)

EXECUTIVE SUMMARY

The Harpoon Air-Launch Missile System (HMS) has been under development since 1970. The HMS is designed for launch from surface ships, submarines, and aircraft. This Navy Training Plan (NTP) addresses only those systems of the HMS which support the aircraft application. The Harpoon's air-launch configuration has four air-launch capable platforms: S-3B, P-3, F/A-18, and Air Force B-52 aircraft.

This NTP identifies the Navy's life-cycle Manpower, Personnel, and Training (MP&T) requirements associated with the HMS and addresses any new changes and training requirements. It has been developed in accordance with OPNAVINST 1500.8 (series).

TABLE OF CONTENTS

	<u>PAGE NO.</u>
Executive Summary	i
Table of Contents	ii
List of Acronyms	iii
Introduction	v
PART I TECHNICAL PROGRAM DATA	I-1
A. TITLE/NOMENCLATURE/PROGRAM	I-1
B. SECURITY CLASSIFICATION	I-1
C. NTP PRINCIPALS	I-1
D. OPERATIONAL USES	I-1
E. TECHNICAL AND/OR OPERATIONAL EVALUATION	I-1
F. EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED	I-2
G. DESCRIPTION	I-2
H. NEW FEATURES, CONFIGURATION, OR MATERIAL	I-4
I. CONCEPTS	I-4
J. LOGISTICS	I-6
K. SCHEDULES	I-7
L. MANPOWER REQUIREMENTS	I-7
M. TRAINING CONCEPTS	I-8
N. ON-BOARD TRAINING	I-20
O. LIST OF RELATED NAVY TRAINING PLANS AND APPLICABLE DOCUMENTS	I-20
PART II BILLET AND PERSONNEL REQUIREMENTS.	II-1
PART III TRAINING REQUIREMENTS	III-1
PART IV TRAINING LOGISTICS SUPPORT REQUIREMENTS	IV-1
PART V MAJOR MILESTONES	V-1
PART VI ACTIONS AND/OR DECISIONS	VI-1
PART VII POINTS OF CONTACT.	VII-1
PART VIII SUMMARY OF COMMENTS.	VIII-1

LIST OF ACRONYMS

AO	Aviation Ordnanceman
AMEWT	Aviation Multi-function Electronic Warfare Trainer
AUR	All-Up-Round
ATM	Air Training Missile
BIT	Built-In-Test
CATM	Captive Air Training Missile
CBT	Computer-Based Training
CMC	Commandant of the Marine Corps
CNO	Chief of Naval Operations
COMPATWING	Commander Patrol Wing
DCNO	Deputy Chief of Naval Operations
D-LEVEL	Depot Level
DOP	Designated Overhaul Point
DTM	Data Transfer Module
DTMR	Data Transfer Module Receptacle
ECP	Engineering Change Proposal
EOD	Explosive Ordnance Disposal
EODTEU	Explosive Ordnance Dispersal Training and Evaluation Unit
FMS	Foreign Military Sales
FRAMP	Fleet Readiness Aviation Maintenance Personnel
FRS	Fleet Readiness Squadron
HACLS	Harpoon Aircraft Control and Launch System
HAWS	Harpoon Airborne Weapon Simulator
HETA	Harpoon Engagement Training Aid
HMS	Harpoon Missile System
ICW	Interactive Courseware
I-LEVEL	Intermediate Level
ILSP	Integrated Logistics Support Plan
MALS	Marine Aviation Logistics Squadron
MCAS	Marine Corps Air Station
MDA-E	McDonnell Douglas Aerospace-East
MILSTRIP	Military Standard Requisitioning and Issue Procedures
MP&T	Manpower, Personnel, and Training
MSTS	Missile Subsystem Test Set
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NAMTG	Naval Air Maintenance Training Group
NAS	Naval Air Station
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVMAG	Naval Magazine
NAVSCOLEOD	Naval School, Explosive Ordnance Disposal
NAWCAD	Naval Air Warfare Center Aircraft Division
NAWMP	Naval Airborne Weapons Maintenance Program
NAWMU	Naval Airborne Weapons Maintenance Unit
NCTS	Navy Civilian Technical Specialist
NEC	Navy Enlisted Classification

List of Acronyms (continued)

NETS	Navy Engineering Technical Services
NFO	Naval Flight Officer
NOBC	Navy Officer Billet Code
NSWC-IHD	Naval Surface WarfareCenter-Indian Head Division
NTP	Navy Training Plan
NRFI	Not-Ready For Issue
O-LEVEL	Organizational Level
OJT	On-the-Job Training
PEST	Practical Explosive Ordnance Disposal System Trainer
RFI	Ready For Issue
RFT	Ready-For-Training
SAJ	Store Aboard Jumper
SFWSL	Strike Fighter Weapons School Atlantic
SFWSL	Strike Fighter Weapons School Pacific
SPCC	Ships Parts Control Center
SRA	Shop Replaceable Assembly
SWIP	System/Weapons Integration Program
TA	Training Agent
TD	Training Device
TMCR	Technical Manual Contract Requirement
TTE	Technical Training Equipment
USN	United States Navy
USMC	United States Marine Corps
WPNSTA	Weapons Station
WRA	Weapon Replaceable Assembly
WSPD	Weapons System Planning Document

INTRODUCTION

This approved version of the Harpoon Air-Launched Missile System Navy Training Plan is an update to the March 1995 Draft version. It updates all relevant dates and points of contact, and incorporates comments received from the fleet. The document also includes intermediate level support which is ingrained in the Navy and Marine Corps to support the Harpoon Air-Launched Missile System.

PART I - TECHNICAL PROGRAM DATA

NTP: A-50-8211B/A
Date: June 1996

I.A TITLE/NOMENCLATURE/PROGRAM

- 1. Title: Harpoon Missile System (HMS) (Air-launch)
2. Nomenclature: AGM-84A/C/D-1
3. Program Element: 68324N

I.B SECURITY CLASSIFICATION

- 1. System Acquisition Secret
2. System Capabilities. Confidential/Secret
3. System Description Unclassified
4. Navy Training Plan Unclassified

I.C NAVY TRAINING PLAN (NTP) PRINCIPALS

- 1. Assistant Chief of Naval Operations (ACNO)/
Director, Major Staff Office (DMSO). . .N880C
2. Head, Aviation Plans and Requirements
Branch (SPONSOR)N880C
3. Principal Development ActivityNAVAIRSYSCOM
(PMA258)
4. Training Agency.CINCLANTFLT
CINCPACFLT
CNET (T25)
5. Training Support AgentNAVAIRSYSCOM
(PMA205-5B)
6. Manpower and Personnel Mission Sponsor .CNO (N-889)
(PERS-22)
7. Commander, Bureau of Naval Personnel . .BUPERS (N-4, N-40)

I.D OPERATIONAL USES

1. Statement of Purpose The Harpoon Missile is a long range, all weather, anti-ship missile that is capable of being deployed on P-3, S-3B, and F/A-18 aircraft. Additionally, the Harpoon can be deployed on Air Force B-52 aircraft. The Harpoon is a versatile missile that can be launched at various altitudes, airspeeds, and aircraft attitudes. It uses a low-level cruise trajectory, active radar guidance, and terminal maneuvering to seek out and effectively destroy fast maneuvering vessels at ranges in excess of fifty nautical miles. The Harpoon Missile uses several different launch modes and seeker patterns to accomplish its mission in a variety of attack situations. It requires no post-launch commands (fire and forget); therefore, immediately after missile launch, the aircraft is free to perform other operations. There are presently three tactical missile configurations: the AGM-84A-1, AGM-84C-1, AGM-84D-1, and a variety of training and test missiles.

2. Foreign Military Sales (FMS) The HMS has been sold to numerous foreign countries to date. Training in support of FMS is not included in this NTP. For information on FMS contact to PMA258.

I.E TECHNICAL AND/OR OPERATIONAL EVALUATION

1. The operational evaluation of the HMS was completed in March 1977. Approval for service use was obtained in 1979. The P-3, S-3B, and F/A-18 aircraft are fully capable of utilizing the Harpoon Air-Launch Missile.

I.F EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED

1. The HMS did not replace any existing weapon system.

I.G DESCRIPTION

1. Missile, Tactical (AGM-84D-1)

a. Functional Description The Harpoon Air-Launch Missile is an all weather, anti-ship missile with an over-the-horizon range in excess of fifty nautical miles. It employs a low-level cruise trajectory, active radar guidance with counter-countermeasures, and terminal maneuvering to assure maximum weapon effectiveness. The warhead is a hull penetrating, blast type that contains 215 pounds of high explosives. In combat operations, various missile launch modes and seeker search patterns are available to enhance target acquisition probability. In comparison with the AGM-84A/C-1, the AGM-84D-1 introduces an improved fuse system, improved seeker, increased range, selectable search, and enhanced electronic counter-countermeasures, all of which improve reliability and survivability, and increase effectiveness and tactical flexibility.

b. Physical Description The Harpoon Missile body consists of four major sections. The AGM-84D-1 has the same physical characteristics as the basic AGM-84A/C-1 Missile.

(1) Guidance Section The Guidance Section is the forward section of the missile which performs flight control, transmission, built-in test, target acquisition, tracking, and computer operations.

(2) Warhead Section The Warhead Section contains the high explosive warhead, fuses, and receiver antenna.

(3) Sustainer Section The Sustainer Section consists of a turbojet engine that provides the necessary propulsion to satisfy the specific requirements for altitude, air speed, and range.

(4) Control Section The Control Section provides the electro-mechanical elements for flight control for the control fins and provides primary structure and section interface.

(5) Dimensions and Weight

Length	151.7 inches
Diameter13.5 inches
Wing Span36.0 inches
Control Fins36.0 inches
Weight	1,224 pounds

2. Kit, Air-Launch

a. Functional Description The air-launch kit, when installed, configures a basic missile into an air-launch missile.

b. Physical Description The air-launch kit consists of the following ten subassemblies:

- (1) Wing, missile (4 each)
- (2) Fin, missile control (4 each)
- (3) Fitting, wing root, lower (2 each)
- (4) Fitting, wing root, upper (2 each)
- (5) Fairing, wing root, lower (2 each)
- (6) Fairing, wing root, upper (2 each)
- (7) Lug, forward launch
- (8) Lug, after launch

- (9) Exit cover
- (10) Arming wire assembly

3. Container, Shipping and Storage (MK 607 MOD 0)

a. Functional Description The All-Up-Round (AUR) Harpoon Missile body, Container MK 607 MOD 0, is used for shipment and storage of two AUR Harpoon Air Launch Missiles configured for air-launch. The major components of the shipping container are a fiberglass upper shell, a fiberglass lower shell, and an internal aluminum saddle (missile support) assembly suspended by shock mounts attached to a steel cradle frame assembly. The cradle frame has four lifting eyes for hoisting the container.

b. Physical Description

Length 168 inches
Width 38 inches
Height 32.6 inches
Weight (empty) 1071 pounds

4. Significant Interfaces

a. Aircraft Command and Launch Control Systems The command and launch function of the Harpoon Air Launch Missile is easily integrated into existing avionics controls and displays. This system receives targeting data, aircraft altitude, airspeed, and attitude data from a variety of the aircraft's avionics systems and uses them to compute the Harpoon flight control orders and seeker search pattern parameters. The Harpoon Air Launch Missile will interface with existing P-3, S-3B, and F/A-18 aircraft command and launch control systems.

5. Training Missile, Inert (ATM-84A-1B)

a. Functional Description The ATM-84A-1B is designed to satisfy load crew training requirements. These include organizational level handling, missile assembly, upload/download, and missile container interface. The ATM-84A-1B is not certified for captive carriage.

b. Physical Description The ATM-84A-1B is designed to duplicate all external characteristics (i.e., AUR dimensions, stencils, markings), including weight and center of gravity of the production tactical missile in a totally inert environment. [Note: All ATM-84A-1B trainers will be phased out of active Fleet use and returned to the Naval Surface Warfare Center-Indian Head Division (NSWC-IHD) for disposal.]

6. Captive Air Training Missile (CATM-84D-1)

a. Functional Description The CATM is used in classroom and Fleet training exercises to train flight crews in tactical mission scenarios, as well as to train ground crews in handling and loading/ downloading procedures. The CATM is certified for captive carriage by all Harpoon capable aircraft. (The CATM-84D-1 is the redesignated version of the ATM-84A-1C, currently going through 100% retrofit. All holders of ATM-84A-1C should contact NSWC-IHD Code 6550P for retrofit.)

b. Physical Description The CATM-84D-1 is designed to duplicate all external characteristics (i.e., AUR dimensions, stencils, markings), including weight, center of gravity, and mechanical, umbilical interfaces of the production tactical missile in a totally inert environment.

7. Enhanced Captive Air Training Missile (CATM-84D-2)

a. Functional Description The CATM-84D-2 provides aircrew on all Harpoon capable aircraft with captive carriage capability. The CATM-84D-2 can be used as a specialized test vehicle and is available to all Harpoon capable communities upon special request (due to limited availability). The Harpoon Airborne Weapons Simulator (HAWWS) provides training for aircrew on all

Harpoon capable aircraft with platform-to-missile digital communications. The Store Aboard Jumper (SAJ) intercepts the intent-to-launch signal, and returns a fire signal to the aircrew, simulating missile launch. Utilizing the Harpoon Engagement Training Aid (HETA), the CATM-84D-2 is able to provide aircrew (on P-3 and S-3 aircraft only) with Harpoon mission simulation, up to and including launch and post-launch reconstructions. The Data Transfer Module (DTM) and Data Transfer Module Receptacle (DTMR) provides interface between the HAWS and HETA.

b. Physical Description The CATM is identical to the training missile with the following modifications:

- (1) Harpoon Airborne Weapons Simulator (HAWS), Data Transfer Module (DTM), and Data Transfer Module Receptacle (DTMR) installed
- (2) CATM-84D-2 HETA interface capability
- (3) SAJ, Platform Specific

8. Practical Explosive Ordnance Disposal System Trainer (PEST) The PEST is a full-scale mock-up or model having approximately the same weight and center of gravity as the tactical missile. It is used in recognition and rendering safe procedure training. It is fabricated from hardware that has been rejected for use in tactical missile production, but it is suitable for training purposes.

9. Harpoon Engagement Training Aid (HETA) The HETA program is a computer-based training system which provides the capability for aircrew to build proficiency in Harpoon targeting and engagement skills. The Harpoon Missile, although a very effective weapon, is expensive, and limited resources preclude indiscriminate training use. Fleet exercises and live missile firings do not offer sufficient opportunities to maintain fleet proficiency in Harpoon employment. These opportunities can only be provided by an effective engagement training aid.

The HETA improves fleet proficiency by providing Harpoon tactical decision makers with the capability to simulate firing Harpoon Missiles in a variety of realistic tactical situations and get timely feedback on the results to reinforce other training methods. HETA systems are in place for the P-3 and S-3B communities.

The HETA system has been hosted on the Aviation Multifunction Electronic Warfare Trainer (AMEWT). All previous versions of the HETA have been rehosted on the AMEWT system. The AMEWT system is a DOS/Windows personal computer based squadron trainer which will host operator training software. AMEWT supports advanced Computer-Based Training (CBT) and Interactive Courseware (ICW). Missile and operational procedures familiarization, as well as proficiency training in launch and control techniques for a variety of missile systems including Harpoon (in the form of HETA), will be hosted on the AMEWT.

The Fleet Training Branch, NSWC-IHD Code 6540C, is the Cognizant Field Activity and life cycle manager for the hardware and software packages. When a unit is delivered to a fleet activity, NSWC-IHD will coordinate the resources to conduct the installation and training required to become familiar with the training device. NSWC-IHD will act as the central repository for all System Change Requests and discrepancy reporting. They coordinate resources to perform any maintenance or replacement of the software/hardware packages. The user has only to report usage and requirements.

I.H NEW FEATURES, CONFIGURATION, OR MATERIAL Not applicable.

I.I CONCEPTS

1. Maintenance Program - OPNAVINST 8600.2 Series The Harpoon Air-Launch Missile maintenance conforms with the requirements of OPNAVINST 8600.2 series, Naval Airborne Weapons Maintenance Program (NAWMP), with a slight

modification. The maintenance concept allocates maintenance functions to the Organizational (O-level), Intermediate (I-level), and Depot (D-level) levels of maintenance, with the addition of an Expanded I-level maintenance capability at the Weapon Station (WPNSTA). The WPNSTA will serve as the D-level maintenance facility (AUR Depot), and D-level maintenance will be performed at the Designated Overhaul Point (DOP). Maintenance level and recoverability code assignments are "O" for organizational, "G" for intermediate [i.e., aircraft carriers, Naval Air Stations (NASs), Naval Magazines (NAVMAGs), and Naval Airborne Weapons Maintenance Unit One (NAWMU-1)], "H" for Naval WPNSTAs, and "D" for DOPs.

a. Organizational Level (O-Level) Maintenance O-level maintenance consists of those functions normally performed by an operating unit on a day-to-day basis in support of its own operation. O-level maintenance is usually accomplished by weapons personnel assigned to a maintenance department to support the missions and tasks of the performing activity. O-level maintenance may be accomplished at the next higher (intermediate maintenance) level. O-level maintenance consists of the following tasks:

- (1) Visual inspection
- (2) AUR Canning/Decanning
- (3) Replacement of fins, wings, lanyard and radome, and replace umbilical
- (4) AUR handling
- (5) Preventive maintenance of the missile exterior
- (6) Aircraft/Missile release and control checks
- (7) BIT

b. Intermediate Level (I-Level) Maintenance I-level maintenance is the responsibility of, and is performed by, Weapons Station Yorktown in support of using organizations. The mission of the I-level maintenance is to enhance and sustain the combat readiness and mission capability of supported activities by providing quality and timely material support at the closest location with the lowest practical expenditure. The purpose of I-level maintenance is to ensure that particular airborne weapons maintenance functions are performed at that level which ensures optimum economic use of resources. I-level maintenance consists of the following tasks:

- (1) Missile Sentencing Inspection (in container),
Missile Sentencing Inspection (out of container)
- (2) AUR Canning/Decanning
- (3) Cleaning and preservation after casualty wet-down
- (4) Battery electrolyte and fuel leakage check-up
- (5) Air Launch Missile Test Set Simulator Maintenance

c. Depot Level (D-Level) Maintenance D-level maintenance on the tactical weapon is performed by the manufacturer, McDonnell Douglas Aerospace-East (MDA-E) and its subcontractors on those parts determined to be beyond the capabilities of O-level or I-level maintenance (except for Government Furnished Equipment). Sections are repaired by fault isolating to the discrepant Weapon Replaceable Assembly (WRA), removing and replacing the WRA, and retesting to verify operational performance capability. Discrepant WRAs are repaired by fault isolating to the faulty Shop Replaceable Assembly (SRA), removing and replacing the SRA, and retesting. Discrepant SRAs will be repaired by fault isolating to the piece part or sub-SRA, removing and replacing the defective item, and retesting.

2. Operational Concept The Harpoon Missile is intended to be deployed by the United States Navy for use on P-3, S-3B, and F/A-18 aircraft. The U.S. Air-Force B-52 is also capable of deploying the Harpoon Missile.

3. Manning Concept The quantitative manpower for maintenance support of the Harpoon Missile is governed by the total preventive and corrective maintenance requirements. The manpower requirements for Aviation Ordnanceman billets are based on the time required to upload and download the missile safely in a wartime situation. The Harpoon Missile represents no change to the existing manning concept of receiver activities.

4. Harpoon Missile Trainers Maintenance Concept Harpoon Missile trainers are maintained under an "O" to "D" concept. O-level maintenance for all missile trainers is identical to that of the tactical missile, except the CATM-84D-2, which adds installation of the DTM and SAJ. Any maintenance tasks beyond the scope of the O-level are considered D-level and are performed at NSWC-IHD, which is the depot for all Harpoon Missile trainers.

I.J LOGISTICS

1. Manufacturer. McDonnell Douglas Aerospace-East (MDA-E).
2. Contract Number. N00019-89-C-0118.
3. Integrated Logistics Support Plan (ILSP) ILSP MS-052 dated 31 December 1994, Revision H.

4. Technical Plan Data Navy and commercial technical manuals required to support the Harpoon Missile are listed in Part IV of this NTP. Manuals are obtained through the Naval Air Technical Services Facility, as follows:

Commanding Officer
Naval Air Technical Services Facility
700 Robbins Avenue
Philadelphia, PA 19111-5097

5. Special Tools/Test Equipment
 - a. Harpoon Missile Subsystem Test Set (MSTS) (AN/DSM-127A) The MSTS is an automatic test station controlled by a self-contained computer which provides stimuli and read-out capability for GO/NO GO testing of the basic missile. The MSTS is also capable of fault isolation to the WRA/SRA level. A self-test feature is provided as well as magnetic tape recording of test functions. The MSTS is installed at Weapons Stations (WPNSTAs) for I-level maintenance and at the manufacturer for D-level maintenance.
 - b. Air Launch Missile Test Set Simulator (TS-3519D/DSM) The test set is a portable functional unit, enclosed in a combination case, with the appropriate interconnecting cable used to interface with the equipment under test. The TS-3519D/DSM is functionally representative of a Harpoon Missile and is used to verify performance and fault isolation testing of Harpoon. The test set interfaces at the umbilical connector of each of the aircraft pylons.
6. Spare/Repair Parts Not-Ready-For-Issue (NRFI) repairables will be turned in by the activity in accordance with the provisions of Navy Supply Publication 4017A, Master Repairable Items List. The following activity has been designated as the Navy collection point for NRFI Harpoon Missile repairable assets:

Receiving Officer
Weapons Station
Yorktown, Virginia 23491

The Weapons Station (WPNSTAs) will turn in repairables to local support and report the 7E material (missile repair parts) to Ships Parts Control Center (SPCC) as condition code F (unserviceable). Based on demands/requirements, SPCC will then fund the repair and induct the item into the applicable Designated Overhaul Point. Concurrently, user activities will initiate Military Standard Requisitioning and Issue Procedure (MILSTRIP) requisitioning action to obtain replacements for items turned in for repair. Standard Navy MILSTRIP requisitioning procedures in NAVSUP Publications 437 or 485 will be used.

7. Contractor Engineering and Technical Services (CETS)/Navy Civilian Technical Services (NCTS) Engineering technical support services provided by MDA-E will include on-site personnel. These contractor field service engineers will assist in developing the skills and abilities of Navy Harpoon

Weapon Subsystem (HWS) operation, maintenance, and supply personnel. There will be a minimum of one per MSTs site. Contractor support is available on an "on-call" basis by contacting MDA-E. Navy Engineering Technical Services (NETS) specialist personnel are comprised of NCTS. They are qualified technically to provide direction, instruction, and training in the installation, operation, and maintenance of the HWS. NCTS will be available to assist the O-level on an as-needed basis and are on site at the I-level maintenance facility.

I.K SCHEDULES

1. Schedule Matrix Harpoon Missile retrofit/delivery schedules are classified and are contained in the Weapon Systems Planning Document.

a. Training Devices (TDs)

(1) All ATM-84A-1C (NALC JW99) training missiles are currently being redesignated/retrofitted to CATM-84D-1 (NALC BWCF). This is being accomplished via an engineering change proposal retrofit program by NSWC-IHD (Code 6540C). NSWC-IHD has been designated the cognizant field activity.

2. Time Required for Installation Not applicable.

I.L MANPOWER REQUIREMENTS

1. Equipment, Subsystems, and Systems Not applicable.

2. Aircraft Equipment, Systems, and Subsystems Enlisted manpower requirements associated with the O and I levels of maintenance are within the capability of current Navy personnel. No new Navy Enlisted Classifications (NECs) or additional personnel are required to support the Harpoon Air Launch Missile.

a. Aircrew Requirements No additional aircrew members are required to operate the Harpoon Missile System.

b. Estimated Direct Maintenance Man-Hours per Flight Hour Not applicable.

c. Proposed Utilization The Harpoon Missile is capable of being launched by the F/A-18, P-3, and S-3B Navy aircraft.

d. Quantitative/Qualitative Manpower Requirements

(1) Manpower Requirements for Fleet Activities Manning for Navy squadrons is based on the total assigned workload for each Work Center (WC) and focuses on loading/downloading capabilities. Ordnance support in the Armament/Weapons Branch (WC 230) is provided by Navy Aviation Ordnanceman (AO). Manpower requirements in WC 230 are based on maintaining specified weapons loading capabilities for the aircraft. No change to existing fleet squadron manpower requirements are necessary.

(2) Manpower Requirements for Fleet Readiness Squadrons (FRSs). Manning is based on the total assigned workload. No change to current FRS workload in WC 230 will result from introduction of new upgrades of the Harpoon Missile; therefore, current manning, course length, and facilities will not be impacted.

(3) Intermediate Maintenance Manning of the Weapons Departments is based on total assigned workload. The new version of the Harpoon Missile will not alter the overall workload in the Missile Division (G Division) at these activities. No change in existing manning requirements will result from the introduction of new upgrades of the Harpoon Missile.

(4) Intermediate Maintenance (WPNSTAs) The WPNSTAs are manned by civilian technicians and AOs based on total assigned workload.

Introduction of new upgrades of the Harpoon Missile will not impact existing manning requirements.

I.M TRAINING CONCEPTS

1. Training related to the Harpoon Air Launch Missile is available through formal training courses, unit training, and fleet exercises and operations. Training for squadron operator personnel will also be contained in respective aircraft NTPs.

Training courses for Harpoon are in place for Operator, O-level, I-level, Expanded I-level and D-level maintenance. Aircrew training for Harpoon deployment and advance tactics are provided at the Strike Fighter Weapons School Atlantic and SFWSP for F/A-18 units. For P-3 and S-3 units, aircrew training is conducted at the platform FRS training facilities. Maintenance training for Aviation Ordnanceman is provided through the Naval Air Maintenance Training Group Detachments. WPNSTA I-level Maintenance training was provided to designated WPNSTA personnel by MDA-E Explosive Ordnance Disposal (EOD) training is provided by Naval School, EOD (NAVSCOLEOD).

Marine Corps squadrons that are assigned to support Navy carrier air wings and who require Harpoon training will be trained along with Navy squadrons at the TYCOM's training agent, SFWS, where they will receive Harpoon deployment and advanced tactics training on an as required basis.

a. Initial Training Initial training for the Harpoon Missile has been completed.

b. Follow-on Training

(1) Operator. Training for aircrews will take place through normal pipeline training at the FRS and the Naval Strike Warfare Center.

(a) F/A-18 Fleet Replacement Pilot Category 1

Course number D-2A-0601
Course length 166 days
RFT date Currently available
Location VFA-106, NAS Cecil Field
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Designated Naval Aviator;
Secret clearance;
Selected for F/A-18 training

(b) F/A-18 Fleet Replacement Pilot Category 2A

Course number D-2A-0602
Course length 166 days
RFT date Currently available
Location VFA-106, NAS Cecil Field
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Previous F/A-18 or other
type aircraft fleet
experience

(c) F/A-18 Fleet Replacement Pilot Category 3A

Course number D-2A-0604
Course length 110 days
RFT date Currently available
Location VFA-106, NAS Cecil Field
Source rating None
Skill identifier None

TD/TTE See Part IV
Prerequisites Previous F/A-18 or other
type aircraft fleet
experience

(d) F/A-18 Fleet Replacement Pilot Category 4

Course number D-2A-0606
Course length 26 days
RFT date Currently available
Location VFA-106, NAS Cecil Field
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Previous F/A-18 or other
type aircraft fleet
experience

(e) F/A-18 Fleet Replacement Pilot Category 1

Course number E-2A-0601
Course length 175 days
RFT date Currently available
Location VFA-125, NAS Lemoore
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Designated Naval jet pilot;
Possess a FINAL SECRET
security clearance;
Designated Service Group I
Naval Aviator; SERE Training

(f) F/A-18 Fleet Replacement Pilot Category 2A

Course number E-2A-0602
Course length 155 days
RFT date Currently available
Location VFA-125, NAS Lemoore
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Designated Naval jet pilot;
Possess a FINAL SECRET
security clearance;
Designated Service Group I
Naval Aviator; SERE Training

(g) F/A-18 Fleet Replacement Pilot Category 2F

Course number E-2A-0603
Course length 156 days
RFT date Currently available
Location VFA-125, NAS Lemoore
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Designated Naval Jet Pilot
Possess a FINAL SECRET
security clearance;
Designated Service Group I
Naval Aviator; SERE Training

(h) F/A-18 Fleet Replacement Pilot Category 3A

Course number E-2A-0604
Course length 105 days
RFT date Currently available
Location VFA-125, NAS Lemoore

Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Designated Naval jet pilot;
Possess a FINAL SECRET
security clearance;
Designated Service Group I
Naval Aviator; SERE Training

(i) F/A-18 Fleet Replacement Pilot Category 2H

Course number E-2A-0605
Course length 112 days
RFT date Currently available
Location VFA-125, NAS Lemoore
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Designated Naval jet pilot;
Possess a FINAL SECRET
security clearance;
Designated Service Group I
Naval Aviator; SERE Training

(j) F/A-18 Fleet Replacement Pilot Category 4

Course number E-2A-0606
Course length 28 days
RFT date Currently available
Location VFA-125, NAS Lemoore
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Designated Naval jet pilot;
Possess a FINAL SECRET
security clearance;
Designated Service Group I
Naval Aviator; SERE Training

(k) P-3C and P-3C Update 2 Replacement Pilot
Category 1

Course number D-2A-1101
Course length 184 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security
clearance; be a designated
Naval Aviator

(l) P-3C and P-3C Update 2 Replacement Pilot
Category 2

Course number D-2A-1102
Course length 121 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security
clearance; be a designated
Naval Aviator

(m) P-3C and P-3 C Update 2 Replacement Pilot
Category 1 Track

Course number D-2A-1111
Course length 206 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security
clearance; be a designated
VP Pilot; have Advanced
Flight Training; have a
current Medical Clearance

(n) P-3C Update Replacement Pilot (PXO)
Category 3 Pipeline

Course number D-2A-1113
Course length 46 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security
clearance; be a designated
Pilot; have Category 1
Syllabus Training; have a
current Medical Clearance

(o) P-3C Replacement NFO Category 1

Course number D-2D-1101
Course length 131 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating NFO
Skill identifier None
TD/TTE See Part IV

Prerequisites Possess a SECRET security
clearance; be a designated
NFO

(p) P-3C Replacement NFO Category 2

Course number D-2D-1102
Course length 128 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating NFO
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security
clearance; be a designated
NFO

(q) P-3C Post Command NFO Category 4

Course number D-2D-1107
Course length 11 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating NFO
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security
clearance; be a designated
NFO; have a current Medical
Clearance

(r) P-3C and P-3C Update Replacement NFO
Category 1 Track

Course number D-2D-1111
Course length 144 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security
clearance; be a designated
NFO; have a current Medical
Clearance

(s) P-3C and P-3C Update Replacement NFO
Category 2 Track

Course number D-2D-1112
Course length 126 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating None
Skill identifier None
TD/TTE See Part IV

Prerequisites Possess a SECRET security clearance; be a designated NFO; have a current Medical Clearance

(t) P-3C and P-3C Update Advanced Replacement NFO Category 3 Track

Course number D-2D-1113
Course length 51 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security clearance; be a designated NFO; have a current Medical Clearance

(u) P-3C and P-3C Update Replacement NFO Category 5 Track

Course number D-2D-1116
Course length 60 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess a SECRET security clearance; be a designated NFO; have a current Medical Clearance

(v) S-3B Fleet Replacement NFO Category 3

Course number E-2D-1700
Course length 101 days
RFT date Currently available
Location VS-41, NAS North Island
Source rating NFO
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess an INTERIM SECRET security clearance; be a designated NFO; be S-3A/B NATOPS qualified

(w) S-3B Fleet Replacement Pilot Category 3

Course number E-2A-1707
Course length 101 days
RFT date Currently available
Location VS-41, NAS North Island
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess an INTERIM SECRET security clearance; be a designated Naval Aviator; be S-3A/B NATOPS qualified

(x) S-3B Fleet Replacement NFO Category 1

Course number E-2D-1707
Course length 233 days
RFT date Currently available

Location VS-41, NAS North Island
Source rating NFO
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess an INTERIM SECRET
security clearance; be a
designated NFO; have a
current flight physical

(y) S-3B Fleet Replacement Pilot Category 1

Course number E-2A-1708
Course length 233 days
RFT date Currently available
Location VS-41, NAS North Island
Source rating None
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess an INTERIM SECRET
security clearance; be a
designated Naval Aviator;
current flight physical

(z) S-3B Fleet Replacement NFO Category 2

Course number E-2D-1708
Course length 146 days
RFT date Currently available
Location VS-41, NAS North Island
Source rating NFO
Skill identifier None
TD/TTE See Part IV
Prerequisites Possess an INTERIM SECRET
security clearance; be a
designated NFO; have a
current flight physical

(aa) S-3B Fleet Replacement Pilot Category 2

Course number E-2A-1709
Course length 146 days
RFT date Currently available
Location VS-41, NAS North Island
Source rating None
Skill identifier None
TD/TTE See Part IV

Prerequisites Possess an INTERIM SECRET security clearance; be a designated Naval Aviator; current flight physical

(2) Organizational Maintenance Training The maintenance portion of the Harpoon training concept is designed to instruct Navy enlisted personnel and other personnel assigned to O-level maintenance activities. Training for squadron and shipboard personnel will be conducted by cognizant NAMTG training facilities.

(a) Aviation Ordnance Class A1 School Core

Course number C-646-2011
Course length 32 days
RFT date Currently available
Location AO A School, NATTC Memphis
Source rating AO
Skill identifier None
TD/TTE See Part IV
Prerequisites Refer to NAVMILPERSCOMINST
1236.1 (USN)
Clearance Confidential

(b) Aviation Ordnance Class A1 School (Airwing Strand)

Course number C-646-2012
Course length 26 days
RFT date Currently available
Location AO A School, NATTC Memphis
Source rating AO
Skill identifier None
TD/TTE See Part IV
Prerequisites AO A1 Common Core. Refer to
NAVMILPERSCOMINST
1236.1(USN)
Clearance Confidential

(c) Aviation Ordnance Class A1 School (Ship/Shore Strand)

Course number C-646-2013
Course length 11 days
RFT date Currently available
Location AO A School, NATTC Memphis
Source rating AO
Skill identifier None
TD/TTE See PartIV
Prerequisites AO A1 Common Core. Refer to
NAVMILPERSCOMINST
1236.1 (USN)
Clearance Confidential

Locations NAMTG Cecil Field, MTU 1036
NAMTG North Island, MTU 1037
Source rating AO
Skill identifier NEC 8347
TD/TTE See Part IV
Prerequisites NEC 8847

(i) S-3B Armament Control and Delivery Systems
Integrated Organizational Maintenance (Career)

Course number C-646-9677
Course length 10 days
RFT date Currently available
Locations NAMTG Cecil Field, MTU 1036
NAMTG North Island, MTU 1037
Source rating AO
Skill identifier NEC 8347
TD/TTE See Part IV
Clearance Confidential
Prerequisites C-646-9678 (Initial)
Note Part of track D/E-646-1744
(S-3B System Organizational
Maintenance Technician).

(j) S-3B Armament Control and Delivery Systems
Integrated Organizational Maintenance (Initial)

Course number C-646-9678
Course length 12 days
RFT date Currently available
Locations NAMTG Cecil Field, MTU 1036
NAMTG North Island, MTU 1037
Source rating AO
Skill identifier NEC 8847
TD/TTE See Part IV
Clearance Confidential
Prerequisites AO A1 or equivalent
Note Part of track D/E-646-1746
(S-3B System Organizational
Apprentice Maintenance
Technician)

(k) P-3C Ordnance Inflight Maintenance Practical
Job Training

Course number D-050-1152
Course length 113 days
RFT date Currently available
Location VP-30, NAS Jacksonville
Source rating AO
Skill identifier None
TD/TTE See Part IV
Clearance Secret
Prerequisites Q-050-1500 or previous
aircrew designation;
designated AO E2-E7

(l) P-3C Armament Systems Integrated Organizational
Maintenance (Initial)

Course number C-646-9570
Course length 9 days
RFT date Currently available
Locations NAMTG Jacksonville, MTU 1011
NAMTG Whidbey Island, MTU
1012
Source rating AO
Skill identifier NEC 8819
TD/TTE See Part IV

Clearance Confidential
Prerequisites AO A1 or equivalent
Note Part of D/E-646-1042 (P-3
Armament/Ordnance System
Organizational Apprentice
Maintenance Technician)

(m) P-3C Armament/Ordnance Systems Integrated
Organizational Maintenance (Career)

Course number C-646-9571
Course length 11 days
RFT date Currently available
Locations NAMTG Jacksonville, MTU 1011
NAMTG Whidbey Island, MTU
1012
Source rating AO
Skill identifier NEC 8319
TD/TTE See Part IV
Clearance Confidential
Prerequisites NEC 8819
Note Part of track D/E-646-1140
(P-3 Systems Organizational
Maintenance Technician)

(3) Intermediate Level Harpoon intermediate level maintenance training is designed for Ordnancemen assigned to shipboard Weapons Departments, NAS Weapons Departments, NWSs, and NAWMU-1. This training consists of General Ordnance, Air Launched Missiles, and Strike Armament intermediate level maintenance courses at Maintenance Training Units (MTUs).

(a) Air Launched Guided Missile Intermediate
Maintenance

Course number C-122-3111
Course length 11 days
RFT date Currently available
Locations NAMTG NAS Mayport, MTU-4030
NAMTG NAS Norfolk, MTU-4032
NAMTG NAS North Island,
MTU-4033
Source rating AO
Skill identifier NEC 6801
TD/TTE See Part IV
Prerequisites AO A1 or equivalent

(b) Weapons Department Air-Launched Weapons
Supervisors

Course number C-646-4108
Course length 18 days
RFT date Currently available
Locations NAMTG NAS Mayport, MTU-4030
NAMTG NAS Norfolk, MTU-4032
NAMTG NAS North Island,
MTU-4033
Source rating AO
Skill identifier None
TD/TTE See Part IV
Clearance Confidential
Prerequisites AO A1 or equivalent; E-5 or
above

(c) Weapons Department Air-Launched Weapons
General Ordnance

Course number C-646-4109
Course length 19 days
RFT date Currently available

Locations NAMTG NAS Mayport, TM-4030
 NAMTG NAS Norfolk, MTU-4032
 NAMTG NAS North Island,
 MTU-4033

Source rating AO
 Skill identifier None
 TD/TTE See Part IV
 Clearance Confidential
 Prerequisites AO A1 or equivalent

(4) Team/Proficiency Team training for weapons loading crews will be provided in the applicable aircraft loading schools.

(5) Officer. Officer training is discussed under paragraph I.M.1.b.(1).

(6) Industrial Personnel Not applicable.

(7) New Training Pipelines or Tracks No new tracks or courses will be required. Existing training tracks and stand-alone courses will be modified to include Harpoon training.

(8) Explosive Ordnance Disposal (EOD) Training The following EOD courses will require modification to include Harpoon requirements:

(a) Explosive Ordnance Disposal Phase II (Navy)

Course number A-431-0011
 Course length 218 days
 RFT date Currently available
 Location NAVSCOLEOD, NSWC-IHD
 Source rating General
 Skill identifiers 5332, NOBC 9230
 TD/TTE See Part IV
 Prerequisites Comply with BUPERSMAN
 Article 1410380; course
 A-433-0022

(b) EOD Pre-Deployment Training

Course number G-431-0001
 Course length 28 days
 RFT date Currently available
 Locations EODTEU ONE, NAS Barbers
 Point
 EODTEU TWO, Fort Story
 Source rating General
 Skill identifier. None
 TD/TTE See Part IV
 Prerequisites Qualified EOD Technician

(c) EOD Shore Detachment Training

Course number G-431-0003
 Course length 25 days
 RFT date Currently available
 Locations EODTEU ONE, NAS Barbers
 Point
 EODTEU TWO, Fort Story
 Source rating General
 Skill identifier. None
 TD/TTE See Part IV
 Prerequisites Qualified EOD Technician

(d) EOD Mobile Team Training

Course number G-431-0005
 Course length 12 days

2. APPLICABLE DOCUMENTS

Harpoon ILSP

MS-052

PMA258

Revision H
dated
December 1994

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the Harpoon Missile System and, therefore, are not included in Part II of this NTP:

II.A. BILLET REQUIREMENTS

II.A.2.b. Military Billets per Fleet Operational Unit [including Fleet Readiness Squadrons (FRS)] and/or Activity - Old

II.B. PERSONNEL REQUIREMENTS

II.B.3 Foreign, Other Service, and Non-Military Personnel Annual Training Input Requirement

NOTE 1: This section of the Harpoon Missile System NTP is a compilation of four intermediate level NECs with associated billets.

The addition of the Harpoon Missile System to the intermediate level workload is only a small percentage of the required workload for that NEC. The NEC is not dedicated to the Harpoon Missile System and therefore the training requirements will remain the same.

NOTE 2: This section of the Harpoon Missile System NTP is presented by NEC for ease of understanding. It was developed to establish the total intermediate level maintenance requirements for the ordnance community. The requirements are to train ordnance personnel in the USN to receive an NEC to fill a billet.

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

II.A.1.a Ready for Operational and Fleet Support Use - New Development Introduction Schedule

Date: Nov 95

<u>UNIT/ACTIVITY/SQUADRON/HULL NO./UIC</u>	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>FY00</u>
LHD-5/USS Bataan/21879		1			
CV-64/USS Constellation/03364			1		

II.A.1.b. Military Billets per Fleet Operational Unit (Including Fleet Readiness Squadrons (FRS)) and/or Activities - New

AIRCRAFT SQUADRON/ EQUIPMENT/ SYSTEM/ SUBSYSTEM DESIGNATION	TOTAL PER SQUADRON/ E/S/S		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802</u>													
ACDU													
VFA-203	0	2	0	0	0	2	0	0	0	0	AO	6802	
VFC-12	0	1	0	0	0	1	0	0	0	0	AO	6802	
VFA-204	0	1	0	0	0	1	0	0	0	0	AO	6802	
VMFAT-101	0	2	0	0	0	2	0	0	0	0	AO	6802	
VFC-13	0	1	0	0	0	1	0	0	0	0	AO	6802	
TOTAL:	0	7	0	0	0	7	0	0	0	0			
<u>NEC 6802</u>													
SELRES													
VF-201	0	2	0	0	0	2	0	0	0	0	AO	6802	
TOTAL:	0	2	0	0	0	2	0	0	0	0			
NEC 6802 TOTAL:	0	9	0	0	0	9	0	0	0	0			
<u>NEC 6803</u>													
ACDU													
VP-16	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-11	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-10	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-5	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-8	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-45	0	1	0	0	0	1	0	0	0	0	AO	6803	

II.A.1.b. Military Billets per Fleet Operational Unit (Including Fleet Readiness Squadrons (FRS)) and/or Activities - New (Continued)

AIRCRAFT SQUADRON/ EQUIPMENT/ SYSTEM/ SUBSYSTEM DESIGNATION	TOTAL PER SQUADRON/ E/S/S		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6803 (Continued)</u>													
<u>ACDU (Continued)</u>													
VP-30	0	3	0	0	0	3	0	0	0	0	AO	6803	
VP-47	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-1	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-4	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-46	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-9	0	1	0	0	0	1	0	0	0	0	AO	6803	
VP-40	0	1	0	0	0	1	0	0	0	0	AO	6803	
TOTAL:	0	15	0	0	0	15	0	0	0	0	AO	6803	
<u>NEC 6803</u>													
<u>SELRES</u>													
VP-68	0	1	0	0	0	1	0	0	0	0	A0	6803	
TOTAL:	0	1	0	0	0	1	0	0	0	0			
NEC 6803 TOTAL:	0	16	0	0	0	16	0	0	0	0			
USN TOTAL:	0	25	0	0	0	25	0	0	0	0			

Note: This section indicates Fleet requirements for intermediate level maintenance AOs.

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6801</u>													
ACDU													
NAWCAD Patuxent River/00421	0	2	0	0	0	2	0	0	0	0	AO	6801	
	0	2	0	0	0	2	0	0	0	0	AO	6801	8345
CVN-65/USS Enterprise/ 03365	0	11	0	0	0	11	0	0	0	0	AO	6801	
CV-66/USS America/03366	0	6	0	0	0	6	0	0	0	0	AO	6801	
CV-67/USS Kennedy/03367	0	12	0	0	0	12	0	0	0	0	AO	6801	
CVN-69/USS Eisenhower/ 03369	0	7	0	0	0	7	0	0	0	0	AO	6801	
LPH-9/USS Guam/07178	0	2	0	0	0	2	0	0	0	0	AO	6801	
LPH-7/USS Guadalcanal/ 07352	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-2/USS Saipan/20632	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-4/USS Nassau/20725	0	2	0	0	0	2	0	0	0	0	AO	6801	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Continued)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6801 (Continued)</u>													
ACDU (Continued)													
CVN-71/USS Roosevelt/ 21247	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-73/USS Washington/ 21412	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-74/USS Stennis/21847	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-75/USS Truman/21853	0	11	0	0	0	11	0	0	0	0	AO	6801	
AVORD/MTT Norfolk/48764	0	5	0	0	0	5	0	0	0	0	AO	6801	
COMNAVAIRLANT/ 57012	0	2	0	0	0	2	0	0	0	0	AO	6801	
AIMD Brunswick/ 60087	0	8	0	0	0	8	0	0	0	0	AO	6801	
AIMD Oceana/ 60191	0	10	0	0	0	10	0	0	0	0	AO	6801	
AIMD Cecil Field/60200	0	20	0	0	0	20	0	0	0	0	AO	6801	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6801 (Continued)</u>													
ACDU (Continued)													
AIMD Keflavik/ 63032	0	7	0	0	0	7	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6801	9502
AIMD Memphis/ 00639	0	1	0	0	0	1	0	0	0	0	AO	6801	6802
CV-61/USS Ranger/03361	0	1	0	0	0	1	0	0	0	0	AO	6801	
CV-62/USS Independence/ 03362	0	6	0	0	0	6	0	0	0	0	AO	6801	
CV-63/USS Kitty Hawk/ 03363	0	9	0	0	0	9	0	0	0	0	AO	6801	
CV-64/USS Constellation/ 03364	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-68/USS Nimitz/03368	0	11	0	0	0	11	0	0	0	0	AO	6801	
NAWS Point Mugu/63126	0	7	0	0	0	7	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6801	8342

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6801 (Continued)</u>													
<u>ACDU (Continued)</u>													
LPH-10/USS Triplou/07198	0	2	0	0	0	2	0	0	0	0	AO	6801	
LPH-11/USS New Orleans/ 07202	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-1/USS Tarawa/20550	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-3/USS Belleau Wood/ 20633	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-5/USS Peleliu/20748	0	2	0	0	0	2	0	0	0	0	AO	6801	
CVN-70/USS Vinson/20993	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-72/USS Lincoln/21297	0	11	0	0	0	11	0	0	0	0	AO	6801	
AIMD Fallon/ 44317	0	2	0	0	0	2	0	0	0	0	AO	6801	
NAVAIRWP- MAINTUN/ 52821	0	23	0	0	0	23	0	0	0	0	AO	6801	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6801 (Continued)</u>													
ACDU (Continued)													
AIMD Lemoore/ 44321	0	3	0	0	0	3	0	0	0	0	AO		6801
NAWCAD Point Mugu/63126	0	1	0	0	0	1	0	0	0	0	AO		6801
NEC 6801 TOTAL:	0	253	0	0	0	253	0	0	0	0			
<u>NEC 6802</u>													
ACDU													
NAWCAD Patuxent River/00421	0	7	0	0	0	7	0	0	0	0	AO		6802
	0	2	0	0	0	2	0	0	0	0	AO		6802 6803
CVN-65/USS Enterprise/ 03365	0	8	0	0	0	8	0	0	0	0	AO		6802
CV-66/USS America/03366	0	8	0	0	0	8	0	0	0	0	AO		6802
CV-67/USS Kennedy/03367	0	8	0	0	0	8	0	0	0	0	AO		6802
CVN-69/USS Eisenhower/ 03369	0	8	0	0	0	8	0	0	0	0	AO		6802

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
ACDU (Continued)													
LPH-9/USS Guam/07178	0	1	0	0	0	1	0	0	0	0	AO	6802	
LPH-7/USS Guadalcanal/ 07352	0	1	0	0	0	1	0	0	0	0	AO	6802	
MCS-12/USS Inchon/20009	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-2/USS Saipan/20632	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-4/USS Nassau/20725	0	1	0	0	0	1	0	0	0	0	AO	6802	
CVN-71/USS Roosevelt/ 21247	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-73/USS Washington/ 21412	0	8	0	0	0	8	0	0	0	0	AO	6802	
LHD-2/USS Essex/21533	0	2	0	0	0	2	0	0	0	0	AO	6802	
LHD-1/USS Wasp/21560	0	2	0	0	0	2	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
<u>ACDU (Continued)</u>													
LHD-3/USS Kearsarge/21700	0	2	0	0	0	2	0	0	0	0	AO	6802	
LHD-4/USS Boxer/21808	0	2	0	0	0	2	0	0	0	0	AO	6802	
CVN-74/USS Stennis/21847	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-75/USS Truman/21853	0	6	0	0	0	6	0	0	0	0	AO	6802	
LHD-5/USS Bataan/21879	0	2	0	0	0	2	0	0	0	0	AO	6802	
A/C OPDET Cecil Field/ 35670	0	1	0	0	0	1	0	0	0	0	AO	6802	
A/C OPDET Oceana/35672	0	4	0	0	0	4	0	0	0	0	AO	6802	
A/C OPDET Roosevelt Roads/35682	0	1	0	0	0	1	0	0	0	0	AO	6802	
AIMD Cecil Field/44315	0	14	0	0	0	14	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
ACDU (Continued)													
AIMD Key West/44320	0	2	0	0	0	2	0	0	0	0	AO	6802	
AIMD Oceana/ 60191	0	26	0	0	0	26	0	0	0	0	AO	6802	
AIMD Roosevelt Roads/35682	0	5	0	0	0	5	0	0	0	0	AO	6802	
SEAOPDET Cecil Field/ 46961	0	15	0	0	0	15	0	0	0	0	AO	6802	
SEAOPDET Oceana/ 46963	0	16	0	0	0	16	0	0	0	0	AO	6802	
COMNAVAIRLANT/ 57012	0	1	0	0	0	1	0	0	0	0	AO	6802	
NAS North Island/00246	0	3	0	0	0	3	0	0	0	0	AO	6802	
AIMD Memphis/ 00639	0	1	0	0	0	1	0	0	0	0	AO	6802	
CV-61/USS Ranger/03361	0	2	0	0	0	2	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
ACDU (Continued)													
CV-62/USS Independence/ 03362	0	15	0	0	0	15	0	0	0	0	AO	6802	
CV-63/USS Kitty Hawk/ 03363	0	8	0	0	0	8	0	0	0	0	AO	6802	
CV-64/USS Constellation/ 03364	0	11	0	0	0	11	0	0	0	0	AO	6802	
CVN-68/USS Nimitz/ 03368	0	8	0	0	0	8	0	0	0	0	AO	6802	
NAWS Point Mugu/63126	0	5	0	0	0	5	0	0	0	0	AO	6802	
LPH-10/USS Tripoli/ 07198	0	1	0	0	0	1	0	0	0	0	AO	6802	
LPH-11/USS New Orleans/ 07202	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-1/USS Tarawa/ 20550	0	1	0	0	0	1	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
ACDU (Continued)													
LHA-3/USS Belleau Wood/ 20633	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-5/USS Peleliu/20748	0	1	0	0	0	1	0	0	0	0	AO	6802	
CVN-70/USS Vinson/20993	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-72/USS Lincoln/21297	0	8	0	0	0	8	0	0	0	0	AO	6802	
A/C OPDET/ Whidbey Island/ 35674	0	2	0	0	0	2	0	0	0	0	AO	6802	
AIMD Fallon/ 44317	0	3	0	0	0	3	0	0	0	0	AO	6802	
AIMD Miramar/ 44322	0	21	0	0	0	21	0	0	0	0	AO	6802	
AIMD Atsugi/ 44323	0	4	0	0	0	4	0	0	0	0	AO	6802	
AIMD North Island/44326	0	14	0	0	0	14	0	0	0	0	AO	6802	
AIMD Whidbey Island/44329	0	20	0	0	0	20	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
ACDU (Continued)													
NAWS Point Mugu/63126	0	2	0	0	0	2	0	0	0	0	AO	6802	
SEAOPDET Miramar/46962	0	9	0	0	0	9	0	0	0	0	AO	6802	
SEAOPDET Lemoore/46964	0	11	0	0	0	11	0	0	0	0	AO	6802	
SEAOPDET Whidbey Island/46967	0	19	0	0	0	19	0	0	0	0	AO	6802	
SEAOPDET North Island/ 46968	0	5	0	0	0	5	0	0	0	0	AO	6802	
NAVAIRWPMAINTUN/ 52821	0	5	0	0	0	5	0	0	0	0	AO	6802	
NAWCWD Point Mugu/63126	0	1	0	0	0	1	0	0	0	0			
TOTAL:	0	361	0	0	0	361	0	0	0	0			
<u>NEC 6802</u>													
TAR													
RAIMD Atlanta/ 44486	0	6	0	0	0	6	0	0	0	0	AO	6802	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6802 (Continued)</u>													
TAR (Continued)													
RAIMD Willow Grove/44493	0	2	0	0	0	2	0	0	0	0	AO	6802	
NAVAIRES Jacksonville/ 63099	0	1	0	0	0	1	0	0	0	0	AO	6802	
NAVAIRES Norfolk/ 63102	0	1	0	0	0	1	0	0	0	0	AO	6802	
RAIMD Dallas/ 44487	0	3	0	0	0	3	0	0	0	0	AO	6802	
RAIMD New Orleans/44490	0	2	0	0	0	2	0	0	0	0	AO	6802	
TOTAL:	0	15	0	0	0	15	0	0	0	0			
<u>NEC 6802</u>													
SELRES													
CV-62/USS Independence/ 03362	0	1	0	0	0	1	0	0	0	0	AO	6802	
CV-64/USS Constellation/ 03364	0	3	0	0	0	3	0	0	0	0	AO	6802	
TOTAL:	0	4	0	0	0	4	0	0	0	0			
NEC 6802 TOTAL:	0	380	0	0	0	380	0	0	0	0			

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6803</u>													
ACDU													
NAWCAD													
Patuxent													
River/00421	0	2	0	0	0	2	0	0	0	0	AO	6803	6802
A/C OPDET													
Jacksonville/													
35669	0	1	0	0	0	1	0	0	0	0	AO	6803	
AIMD Bermuda/													
44313	0	1	0	0	0	1	0	0	0	0	AO	6803	
AIMD													
Brunswick/													
44314	0	8	0	0	0	8	0	0	0	0	AO	6803	
AIMD													
Jacksonville/													
44319	0	7	0	0	0	7	0	0	0	0	AO	6803	
AIMD													
Sigonella/													
44330	0	2	0	0	0	2	0	0	0	0	AO	6803	
AIMD Keflavik/													
44335	0	1	0	0	0	1	0	0	0	0	AO	6803	
AIMD Rota/													
44374	0	3	0	0	0	3	0	0	0	0	AO	6803	
AIMD Adak/													
45994	0	1	0	0	0	1	0	0	0	0	AO	6803	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6803 (Continued)</u>													
ACDU (Continued)													
CV-64/USS Constellation/ 03364	0	1	0	0	0	1	0	0	0	0	AO		6803
AIMD Whidbey Island/44329	0	8	0	0	0	8	0	0	0	0	AO		6803
AIMD Misawa/ 44331	0	2	0	0	0	2	0	0	0	0	AO		6803
AIMD Diego Garcia/44337	0	1	0	0	0	1	0	0	0	0	AO		6803
TOTAL:	0	38	0	0	0	38	0	0	0	0			
<u>NEC 6803</u>													
TAR													
RAIMD South Weymouth/44491	0	5	0	0	0	5	0	0	0	0	AO		6803
RAIMD Willow Grove/44493	0	5	0	0	0	5	0	0	0	0	AO		6803
FMP Hotel Andrews/68822	0	2	0	0	0	2	0	0	0	0	AO		6803
NAVAIRES Whidbey Island/ 00621	0	1	0	0	0	1	0	0	0	0	AO		6803

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6803 (Continued)</u>													
TAR (Continued)													
RAIMD Santa Clara/44324	0	3	0	0	0	3	0	0	0	0	AO		6803
RAIMD New Orleans/44490	0	2	0	0	0	2	0	0	0	0	AO		6803
NAVAIRES Point Mugu/66630	0	1	0	0	0	1	0	0	0	0	AO		6803
TOTAL:	0	19	0	0	0	19	0	0	0	0			
<u>NEC 6803</u>													
SELRES													
AIMD Rota/ 44374	0	1	0	0	0	1	0	0	0	0	AO		6803
MMF Barbers Point/31531	0	2	0	0	0	2	0	0	0	0	AO		6803
AIMD Sigonella/ 44330	0	1	0	0	0	1	0	0	0	0	AO		6803
MMF Misawa/ 44331	0	1	0	0	0	1	0	0	0	0	AO		6802
TOTAL:	0	5	0	0	0	5	0	0	0	0			
NEC 6803 TOTAL:	0	62	0	0	0	62	0	0	0	0			

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6810</u> ACDU													
AIMD Jacksonville/ 44319	0	2	0	0	0	2	0	0	0	0	AO	6810	
AIMD Roosevelt Roads/44373	0	2	0	0	0	2	0	0	0	0	AO	6810	
NAWCAD Patuxent River/00421	0	1	0	0	0	1	0	0	0	0	AO	6810	
CVN-65/USS Enterprise/ 03365	0	4	0	0	0	4	0	0	0	0	AO	6810	
CV-67/USS Kennedy/ 03367	0	4	0	0	0	4	0	0	0	0	AO	6810	
LPH-9/USS Guam/07178	0	1	0	0	0	1	0	0	0	0	AO	6810	
LPH-7/USS Guadalcanal/ 07352	0	2	0	0	0	2	0	0	0	0	AO	6810	
LHA-2/USS Saipan/20632	0	2	0	0	0	2	0	0	0	0	AO	6810	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6810 (Continued)</u>													
<u>ACDU (Continued)</u>													
LHA-4/USS Nassau/20725	0	2	0	0	0	2	0	0	0	0	AO	6810	
CVN-71/USS Roosevelt/ 21247	0	4	0	0	0	4	0	0	0	0	AO	6810	
CVN-73/USS Washington/ 21412	0	4	0	0	0	4	0	0	0	0	AO	6810	
LHD-2/USS Essex/21533	0	2	0	0	0	2	0	0	0	0	AO	6810	
LHD-1/USS Wasp/21560	0	2	0	0	0	2	0	0	0	0	AO	6810	
LHD-3/USS Kearsarge 21700	0	2	0	0	0	2	0	0	0	0	AO	6810	
LHD-4/USS Boxer/21808	0	2	0	0	0	2	0	0	0	0	AO	6810	
CVN-74/USS Stennis/21847	0	4	0	0	0	4	0	0	0	0	AO	6810	
CVN-75/USS Truman/21853	0	4	0	0	0	4	0	0	0	0	AO	6810	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6810 (Continued)</u>													
<u>ACDU (Continued)</u>													
LHD-5/USS Battan/21879	0	2	0	0	0	2	0	0	0	0	AO	6810	
AIMD Brunswick/ 44314	0	3	0	0	0	3	0	0	0	0	AO	6810	
	0	1	0	0	0	1	0	0	0	0	AO	6810	6801
AIMD Oceana/ 60191	0	2	0	0	0	2	0	0	0	0	AO	6810	
AIMD Cecil Field/60200	0	1	0	0	0	1	0	0	0	0	AO	6810	
AIMD Sigonella/ 44330	0	2	0	0	0	2	0	0	0	0	AO	6810	
AIMD Keflavik/ 63032	0	3	0	0	0	3	0	0	0	0	AO	6810	
CV-62/USS Independence/ 03362	0	4	0	0	0	4	0	0	0	0	AO	6810	
CV-63/USS Kitty Hawk/ 03363	0	4	0	0	0	4	0	0	0	0	AO	6810	
CV-64/USS Constellation/ 03364	0	4	0	0	0	4	0	0	0	0	AO	6810	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6810 (Continued)</u>													
ACDU (Continued)													
CVN-68/USS Nimitz/03368	0	4	0	0	0	4	0	0	0	0	AO	6810	
LPH-10/USS Tripoli/07198	0	1	0	0	0	1	0	0	0	0	AO	6810	
LPH-11/USS New Orleans/ 07207	0	1	0	0	0	1	0	0	0	0	AO	6810	
LHA-1/USS Tarawa/20550	0	2	0	0	0	2	0	0	0	0	AO	6810	
LHA-3/USS Belleau Wood/ 20633	0	2	0	0	0	2	0	0	0	0	AO	6810	
LHA-5/USS Peleliu/20748	0	2	0	0	0	2	0	0	0	0	AO	6810	
CVN-70/USS Vinson/20993	0	4	0	0	0	4	0	0	0	0	AO	6810	
CVN-72/USS Lincoln/21297	0	4	0	0	0	4	0	0	0	0	AO	6810	
AIMD North Island/44326	0	3	0	0	0	3	0	0	0	0	AO	6810	
AIMD El Centro/ 44336	0	3	0	0	0	3	0	0	0	0	AO	6810	

II.A.1.c. Total Number of Billets Required by Fleet Support Units and/or ActivitiesNew (Cont.)

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT		OPERATION/ AIRCREW		MAINTENANCE		O&M/OTHER		TEAM		DESIG/ RATING	PNEC PMOS	SNEC SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
<u>NEC 6810 (Continued)</u>													
ACDU (Continued)													
AIMD Lemoore/ 44321	0	1	0	0	0	1	0	0	0	0	AO		6810
TOTAL:	0	9	0	0	0	97	0	0	0	0			
NEC 6810 TOTAL	0	97	0	0	0	97	0	0	0	0			

II.1.d. Total Fleet and Fleet Support Billets for New System

	DESIG/ RATING	PNEC PMOS	SNEC SMOS	FY96		FY97		FY98		FY99		FY00	
				OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
<u>OPERATOR/AIRCREW</u>	NA												
<u>OPERATION & MAINT</u>	NA												
<u>TEAM</u>	NA												
<u>MAINTENANCE</u>													
USN Fleet	NA												
USN Fleet Support													
AO 6802						2 (LHD-5)							
AO 6802								6 (CV-64)					
AO 6803								1 (CV-64)					
AO 6810						2 (LHD-5)							

NOTE: This section indicates future AO intermediate level maintenance requirements.

II.A.2.a Fleet and Fleet Support Replacement - Phase Out Schedule

Date: Nov 95

<u>UNIT/ACTIVITY/SQUADRON/HULL NO/UIC</u>	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>FY00</u>
LPH-9/USS Guam/07178		1			
AIMD Bermuda/44313		1			
LPH-11/USS New Orleans/07202			1		
CV-67/USS Kennedy/03367			1		

II.A.2.c Total Number of Billets to be Replaced in Fleet Support Units and/or Activities - Old

FLEET SUPPORT UNIT/UIC	TOTAL PER UNIT		OPER/ AIRCREW		MAINTENANCE		O & M/ OTHER		TEAM		RANK/ RATE/ RATING	NOBC/ PNEC PMOS	SNEC/ SMOS
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
LPH-9/USS Guam	0	2	0	0	0	2	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6802	
	0	1	0	0	0	1	0	0	0	0	AO	6810	
AIMD Bermuda	0	1	0	0	0	1	0	0	0	0	AO	6803	
LPH-11/USS New Orleans	0	2	0	0	0	2	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6802	
	0	1	0	0	0	1	0	0	0	0	AO	6810	
CV-67/USS Kennedy	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	AO	6802	
TOTALS:	0	11	0	0	0	11	0	0	0	0			

II.A.2.d. Total Fleet and Fleet Support Billets for Old/Replaced System

	DESIG/ RATING	PNEC PMOS	SNEC SMOS	FY96		FY97		FY98		FY99		FY00	
				OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
<u>OPERATOR/AIRCREW</u>	NA												
<u>OPERATION & MAINT</u>	NA												
<u>TEAM</u>	NA												
<u>MAINTENANCE</u>													
USN Fleet	NA												
USN Fleet Support													
AO	6801					2(LPH-9)							
AO	6801							2(LPH-11)					
AO	6802					1(LPH-9)							
AO	6802							2(CV-67)					
AO	6802							1(LPH-11)					
AO	6803					1(AIMD Bermuda)							
AO	6810					1(LPH-9)							
AO	6810							1(LPH-11)					

NOTE: This section indicates AO intermediate maintenance billets going away.

II.A.3. Net Total Officer and Enlisted Fleet and Support Billet Requirements

<u>RANK/ RATING</u>	<u>NAVY/ MARINE CORPS</u>	<u>FY96</u>		<u>FY97</u>		<u>FY98</u>		<u>FY99</u>		<u>FY00</u>	
		<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>
AO	USN	0	0	0	-1	0	+1	0	0	0	0

II.A.4. Training Activities Staff (Instructors/Support) Billet Requirements

<u>COURSE/TYPE</u> <u>OF TRAINING/CIN</u>	<u>SCHOOL</u> <u>LOCATION/UIC</u>	<u>PREVIOUS</u>	<u>FYs</u>	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>DESIG/</u>	<u>PNEC/</u>	<u>SNEC/</u>
		<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>RATING</u>	<u>PMOS</u>	<u>SMOS</u>
<u>INSTRUCTORS - Maintenance</u>										
D-646-7007/ Gen. Shipboard/ NAS Weapons Department AVORD Maintenance	MTU-4032/ NAMTG NAS Norfolk/ 66046	ACDU	0	6				AO	6801	9502
		SELRES	0	2				AO	6801	9502
	MTU-4030/ NAMTG NAS Mayport/ 66069	ACDU	0	1				AO	6801	9502
E-646-7007/ General Shipboard/ NAS Weapons Department AVORD Maintenance	MTU-4033/ NAMTG NAS North Island/ 66065	ACDU	0	4				AO	6801	9502
D-646-7001/ Strike Armament Systems Intermediate Maintenance	MTU-4030/ NAMTG NAS Mayport/ 66069	ACDU	0	4				AO	6802	9502
E-646-7001/ Strike Armament Systems Intermediate Maintenance	MTU-4033/ NAMTG NAS North Island/ 66065	ACDU	0	4				AO	6802	9502

NOTE: All instructors are in place.

II.A.4. Training Activities Staff (Instructors/Support) Billet Requirements (Cont.)

<u>COURSE/TYPE</u> <u>OF TRAINING/CIN</u>	<u>SCHOOL</u> <u>LOCATION/UIC</u>	<u>PREVIOUS</u>	<u>FYs</u>	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>DESIG/</u>	<u>PNEC/</u>	<u>SNEC/</u>	
		<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>RATING</u>	<u>PMOS</u>	<u>SMOS</u>	
<u>INSTRUCTORS - Maintenance</u>											
D-646-7005/ P-3 Armament Systems Intermediate Maintenance	MTU-1011/ NAMTG NAS Jacksonville/ 66048	ACDU	0	2				AO	6803	9502	
E-646-7005/ P-3 Armament Systems Intermediate Maintenance	MTU-1012/ NAMTG NAS Whidbey Island/ 66058	ACDU	0	1				AO	6803	9502	
	<u>USN TOTALS:</u>		0	24							

NOTE: All instructors are in place.

II.A.5 Chargeable Student Billet Requirements

<u>ACTIVITY/LOCATION/UIC</u>		<u>FY96</u>		<u>FY97</u>		<u>FY98</u>		<u>FY99</u>		<u>FY00</u>	
		<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>
MTU-4032/NAS Norfolk/ 66046	USN	0	5	0	5	0	5	0	5	0	5
MTU-4030/NAS Mayport/ 66069	USN	0	13	0	13	0	13	0	13	0	13
MTU-4033/NAS North Island/66065	USN	0	18	0	18	0	19	0	18	0	18
MTU-1011/NAS Jacksonville/66048	USN	0	2	0	2	0	2	0	2	0	2
MTU-1012/NAS Whidbey Island/66058	USN	0	1	0	1	0	1	0	1	0	1
	<u>USN TOTAL:</u>	0	39	0	39	0	40	0	39	0	39

II.A.6 Net Annual Incremental and Cumulative Billet Increase/Decrease - USN

		Billet	FY96		FY97		FY98		FY99		FY00	
		BASE	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
a. <u>OFFICER NA</u>												
b. <u>ENLISTED</u>												
Fleet Billets	ACDU/TAR	22		22		22		22		22		22
	SELRES	3		3		3		3		3		3
Fleet Support Billets	ACDU/TAR	783		783	-1	782	+1	783		783		783
	SELRES	9		9		9		9		9		9
Staff Billets (Instructor Support)	ACDU/TAR	22		22		22		22		22		22
	SELRES	2		2		2		2		2		2
Chargeable Student Billets	ACDU/TAR	39		39		39	+1	40	-1	39		39

II.B. PERSONNEL REQUIREMENTS

II.B.1. Fleet and Fleet Support Adjusted Annual Training Input Requirements - Class "A" School Training

<u>RATING/MOS</u>	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>FY00</u>
AO	0	-1	+1	0	0

II.B.2. Fleet and Fleet Support Adjusted Annual Training Input Requirements Skill Progression and Functional Training

COURSE/ TYPE OF TRAINING	ACDU/TAR SELRES	DESIG/ RATING	PNEC PMOS	SNEC SMOS	CIN	FY96		FY97		FY98		FY99		FY00	
						OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
OPERATOR/AIRCREWNA															
OPERATION & MAINTENANCE.....Training															
TEAMNA															
<u>MAINTENANCE</u>															
General Shipboard NAS Weapons Dept. AVORD Maintenance	ACDU	AO	6801		646-7007	0	94	0	95	0	94	0	94	0	95
Course Length:	6.0 weeks	Course Attrition Factor:		10%	Sea Tour Length:	36.0 months		Backout Factor:		0.12					
Strike Armament Systems Interme- diate Maintenance	ACDU	AO	6802		646-7001	0	139	0	141	0	143	0	139	0	141
	TAR	AO	6802		646-7001	0	5	0	6	0	5	0	5	0	6
Course Length:	9.8 weeks	Course Attrition Factor:		10%	Sea Tour Length:	36.0 months		Backout Factor:		0.20					
P-3 Armament Systems Interme- diate Maintenance	ACDU	AO	6803		646-7005	0	19	0	18	0	19	0	19	0	19
	TAR	AO	6803		646-7005	0	0	7	0	60	7	0	7		
Course Length:	2.8 weeks	Course Attrition Factor:		10%	Sea Tour Length:	36.0 months		Backout Factor:		0.06					
Armament Weapons Support Equipment (AWSE) Technician	ACDU	AO	6810		646-7100	0	35	0	36	0	35	0	35	0	36
Course Length:	2.8 weeks	Course Attrition Factor:		10%	Sea Tour Length:	36.0 months		Backout Factor:		0.06					
USN TOTALS:	ACDU					0	287	0	290	0	291	0	287	0	291
TAR						0	12	0	13	0	11	0	12	0	13

II.B.4. Reserve Personnel Mobilization Adjusted Annual Training Input Requirements

<u>COURSE/TYPE</u> <u>OF TRAINING</u>	<u>RESERVE</u> <u>ACTIVITY</u>	<u>RANK</u> <u>RATING</u>	<u>PNEC</u> <u>PMOS</u>	<u>SNEC</u> <u>SMOS</u>	<u>CIN</u>	<u>FY96</u> <u>OFF ENL</u>		<u>FY97</u> <u>OFF ENL</u>		<u>FY98</u> <u>OFF ENL</u>		<u>FY99</u> <u>OFF ENL</u>		<u>FY00</u> <u>OFF ENL</u>	
<u>OPERATOR/AIRCREW</u> NA															
<u>OPERATION & MAINTENANCE</u> <u>AND/OR TEAM</u> NA															
<u>MAINTENANCE</u>															
Strike Armament System Intermediate Maintenance	VF-201/ CV-62/ CV-64	AO	6802		646-7001	0	2	0	2	0	2	0	2	0	2
P-3 Armament System Intermediate Maintenance	AIMDRota/ MMF Barbers Point/ MMFMisawa	AO	6803		646-7005	0	2	0	1	0	1	0	2	0	1
<u>USN TOTAL:</u>						0	4	0	3	0	3	0	4	0	3

II.B.5. Total Number of Instructor and Support Personnel Required for Training Activities

SCHOOL/ LOCATION/ UIC	REQUIRED ON BOARD DATE	OPER/ AIRCREW COURSE		MAINT COURSE		OPER MAINT COURSE		TEAM COURSE		SUPPORT PERSONNEL		ACDU/ TAR/ SELRES	DESIG/ RATING	PNEC PMOS	SNEC SMOS
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL				
MTU-4032/NAMTG NAS Norfolk/ 66046	On-board	0	0	0	6	0	0	0	0	0	0	ACDU	AO	6801	9502
	On-board	0	0	0	2	0	0	0	0	0	0	SELRES	AO	6801	9502
MTU-4030/NAMTG NAS Mayport/ 66069	On-board	0	0	0	1	0	0	0	0	0	0	ACDU	AO	6801	9502
MTU-4033/NAMTG NAS North Island/ 66065	On-board	0	0	0	4	0	0	0	0	0	0	ACDU	AO	6801	9502
MTU-4030/NAMTG NAS Mayport/ 66069	On-board	0	0	0	4	0	0	0	0	0	0	ACDU	AO	6802	9502
MTU-4033/NAMTG NAS North Island/ 66065	On-board	0	0	0	4	0	0	0	0	0	0	ACDU	AO	6802	9502
MTU-1011/NAMTG NAS Jacksonville/ 66048	On-board	0	0	0	2	0	0	0	0	0	0	ACDU	AO	6803	9502
MTU-1012/NAMTG NAS Whidbey Island/66058	On-board	0	0	0	1	0	0	0	0	0	0	ACDU	AO	6803	9502

II.B.6. Total Annual Training Input Requirements to Attain and Sustain Fleet, Fleet Support, Industrial, Foreign, Non-Military, Reserve, Instructor, and Support Requirements

COURSE/ TYPE OF TRAINING	SOURCE OF REQUIREMENT	ACDU/ TAR/ SELRES	PNEC PMOS	SNEC SMOS	FY96		FY97		FY98		FY99		FY00	
					OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
<u>OPERATION/AIRCREW...NA</u>														
<u>OPERATION & MAINT...NA</u>														
<u>TEAM.....NA</u>														
<u>MAINTENANCE</u>														
646-7007/ General Shipboard/ NAS Weapons Dept. AVORD Maintenance	Fleet Support Instructor Instructor	ACDU ACDU SELRES	6801 6801 6801	9502 9502	0 0 0	94 4 1	0 0 0	95 3 1	0 0 0	94 4 0	0 0 0	94 4 1	0 0 0	95 3 1
646-7001/ Strike Armament Systems Intermed- iate Maintenance	Fleet Fleet Fleet Support Fleet Support Fleet Support Instructor	ACDU SELRES ACDU TAR SELRES ACDU	6802 6802 6802 6802 6802 6802	9502	0 0 0 0 0 0	2 1 137 5 1 3	0 0 0 0 0 0	3 1 138 6 1 3	0 0 0 0 0 0	2 1 141 5 1 2	0 0 0 0 0 0	2 1 137 5 1 3	0 0 0 0 0 0	3 1 138 6 1 3
646-7005/P-3 Armament Systems Intermediate Maintenance	Fleet Fleet Fleet Support Fleet Support Fleet Support Instructor	ACDU TAR ACDU TAR SELRES ACDU	6803 6803 6803 6803 6803 6803		0 0 0 0 0 0	5 0 14 7 2 1	0 0 0 0 0 0	5 1 13 6 1 1	0 0 0 0 0 0	5 0 14 6 1 1	0 0 0 0 0 0	5 0 14 7 2 1	0 0 0 0 0 0	5 1 14 6 1 1
646-7100/Armament Weapons Support Equipment (AWSE) Technician	Fleet Support	ACDU	6810		0	35	0	36	0	35	0	35	0	36
<u>USN ACDU TOTALS</u>					0	295	0	297	0	298	0	295	0	298
<u>TAR TOTALS:</u>					0	12	0	13	0	11	0	12	0	13
<u>SELRES TOTALS</u>					0	5	0	4	0	3	0	5	0	4

PART III - TRAINING REQUIREMENTS

III.A. TRAINING COURSE AND TRAINING INPUT REQUIREMENTS

III.A.1. Initial Training

* Initial training has been completed.

III.A.2. Follow-on Training (Operation, Maintenance, Operation and Maintenance, Team, and ~~Per~~ Prerequisite) NAVY

TRAINING ACTIVITY/ LOCATION/UIC	COURSE/ TYPE OF TRAINING	DATE BEGIN/ COURSE LENGTH/ MAX CLASS SIZE/ ACDU/TAR/SELRES	FY96		FY97		FY98		FY99		FY00			
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL		
MTU-4030/ NAMTG NAS Mayport/ 66069	D-646-7001/ Strike Armament	On line/	0	72	0	73	0	70	0	72	0	73	TOT INP	
		65 days/	0	69	0	69	0	67	0	69	0	69	N INPUT	
	Systems	8/	0	62	0	62	0	60	0	62	0	62	N OUTPUT	
		Intermediate	ACDU	0.0	11.7	0.0	11.7	0.0	11.3	0.0	11.7	0.0	11.7	N AOB
	Maintenance		0.0	11.7	0.0	11.7	0.0	11.3	0.0	11.7	0.0	11.7	N CHGBLE	
		On line/												TOT INP
		65 days/	0	3	0	4	0	3	0	3	0	4	4	N INPUT
		8/	0	3	0	4	0	3	0	3	0	4	4	N OUTPUT
		TAR	0.0	0.5	0.0	0.7	0.0	0.5	0.0	0.5	0.0	0.7	0.7	N AOB
			0.0	0.5	0.0	0.7	0.0	0.5	0.0	0.5	0.0	0.7	0.7	N CHGBLE
MTU-4033/ NAMTG NAS/ North Island/ 66065	E-646-7001/ Strike Armament	On line/	0	77	0	79	0	82	0	77	0	79	TOT INP	
		65 days/	0	73	0	75	0	78	0	73	0	75	N INPUT	
	Systems	8/	0	66	0	67	0	70	0	66	0	67	N OUTPUT	
		Intermediate	ACDU	0.0	12.4	0.0	12.6	0.0	13.2	0.0	12.4	0.0	12.6	N AOB
	Maintenance		0.0	12.4	0.0	12.6	0.0	13.2	0.0	12.4	0.0	12.6	N CHGBLE	
		On line/												TOT INP
		65 days/	0	2	0	2	0	2	0	2	0	2	2	N INPUT
		8/	0	2	0	2	0	2	0	2	0	2	2	N OUTPUT
		TAR	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.4	N AOB
			0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.4	N CHGBLE
	On line/												TOT INP	
	65 days/	0	2	0	2	0	2	0	2	0	2	2	N INPUT	
	8/	0	2	0	2	0	2	0	2	0	2	2	N OUTPUT	
	SELRES	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.4	N AOB	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N CHGBLE	

III.A.2. Follow-on Training (Operation, Maintenance, Operation and Maintenance, Team, and Prerequisite) NAVY

TRAINING ACTIVITY/ LOCATION/UIC	COURSE/ TYPE OF TRAINING	DATE BEGIN/ COURSE LENGTH/ MAX CLASS SIZE/ ACDU/TAR/SELRES	FY96		FY97		FY98		FY99		FY00			
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL		
MTU-1011/ Jacksonville/ 66048	D-646-7005/ P-3 Armament Systems Intermediate Maintenance	On line/ 16 days/ 6/ ACDU	0	19	0	18	0	18	0	19	0	18	TOT INP	NAMTG NAS
			0	14	0	13	0	14	0	14	0	13	N INPUT	
			0	13	0	12	0	13	0	13	0	12	N OUTPUT	
			0.0	0.6	0.0	0.5	0.0	0.6	0.0	0.6	0.0	0.5	N AOB	
			0.0	0.6	0.0	0.5	0.0	0.6	0.0	0.6	0.0	0.5	N CHGBLE	
			0.0	0.6	0.0	0.5	0.0	0.6	0.0	0.6	0.0	0.5	N CHGBLE	
MTU-1011/ NAMTG NAS Jacksonville/ 66048	D-646-7005/ P-3 Armament Systems Intermediate Maintenance	On line/ 16 days/ 6/ TAR	0	4	0	5	0	4	0	4	0	5	TOT INP	
			0	4	0	4	0	4	0	4	0	4	N INPUT	
			0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	N OUTPUT	
			0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	N AOB	
			0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	N CHGBLE	
			0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	N CHGBLE	
MTU-1012/ NAMTG NAS Whidbey Island/ 66058	E-646-7005/ P-3 Armament Systems Intermediate Maintenance	On line/ 16 days/ 6/ ACDU	0	10	0	9	0	9	0	10	0	10	TOT INP	
			0	6	0	6	0	6	0	6	0	7	N INPUT	
			0	5	0	5	0	5	0	5	0	6	N OUTPUT	
			0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	N AOB	
			0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	N CHGBLE	
			0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	N CHGBLE	
MTU-1012/ NAMTG NAS Whidbey Island/ 66058	E-646-7005/ P-3 Armament Systems Intermediate Maintenance	On line/ 16 days/ 6/ TAR	0	3	0	2	0	2	0	3	0	2	TOT INP	
			0	3	0	2	0	2	0	3	0	2	N INPUT	
			0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	N OUTPUT	
			0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	N AOB	
			0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	N CHGBLE	
			0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	N CHGBLE	
MTU-1012/ NAMTG NAS Whidbey Island/ 66058	E-646-7005/ P-3 Armament Systems Intermediate Maintenance	On line/ 16 days/ 6/ SELRES	0	1	0	1	0	1	0	1	0	1	TOT INP	
			0	1	0	1	0	1	0	1	0	1	N INPUT	
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N OUTPUT	
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N AOB	
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N CHGBLE	
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N CHGBLE	

III.A.2. Follow-on Training (Operation, Maintenance, Operation and Maintenance, Team, and Prerequisite) NAVY

TRAINING ACTIVITY/ LOCATION/UIC	COURSE/ TYPE OF TRAINING	DATE BEGIN/ COURSE LENGTH/ MAX CLASS SIZE/ ACDU/TAR/SELRES	FY96		FY97		FY98		FY99		FY00		
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
MTU-4032/ NAMTG NAS Norfolk/ 66046	D646-7007/ General Shipboard/ NAS Weapons Dept. AVORD Maintenance	On line/ 40 days/ 10/ ACDU	0	49	0	48	0	49	0	49	0	48	TOTAL
			0	49	0	48	0	49	0	49	0	48	N INPUT
			0	44	0	43	0	44	0	44	0	43	N OUTPUT
			0.0	5.1	0.0	5.0	0.0	5.1	0.0	5.1	0.0	5.0	N AOB
			0.0	5.1	0.0	5.0	0.0	5.1	0.0	5.1	0.0	5.0	N CHGBLE
MTU-4030/ NAMTG NAS Mayport/ 66069	D-646-7007/ General Shipboard/ NAS Weapons Dept. AVORD Maintenance	On line/ 40 days/ 10/ ACDU	0	8	0	9	0	8	0	8	0	9	TOT INP
			0	8	0	9	0	8	0	8	0	9	N INPUT
			0	7	0	8	0	7	0	7	0	8	N OUTPUT
			0.0	0.8	0.0	0.9	0.0	0.8	0.0	0.8	0.0	0.9	N AOB
			0.0	0.8	0.0	0.9	0.0	0.8	0.0	0.8	0.0	0.9	N CHGBLE
MTU-4033/ NAMTG NAS North Island/ 66065	E646-7007/ General Shipboard/ NAS Weapons Dept. AVORD Maintenance	On line/ 40 days/ 10/ ACDU	0	41	0	41	0	41	0	41	0	41	TOT INP
			0	41	0	41	0	41	0	41	0	41	N INPUT
			0	37	0	37	0	37	0	37	0	37	N OUTPUT
			0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	N AOB
			0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	N CHGBLE
MTU-1011/ NAMTG NAS Jacksonville/ 66048	D-646-7100/ Armament Weapons Support Equipment (AWSE) Technician	On line/ 16 days/ 8/ ACDU	0	21	0	22	0	21	0	21	0	22	TOT INP
			0	21	0	22	0	21	0	21	0	22	N INPUT
			0	19	0	20	0	19	0	19	0	20	N OUTPUT
			0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	N AOB
			0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	N CHGBLE
MTU-4033/ NAMTG NAS North Island/ 66065	E-646-7100/ Armament Weapons Support Equipment (AWSE) Technician	On line/ 16 days/ 8/ ACDU	0	14	0	14	0	14	0	14	0	14	TOT INP
			0	14	0	14	0	14	0	14	0	14	N INPUT
			0	13	0	13	0	13	0	13	0	13	N OUTPUT
			0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.6	N AOB
			0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.6	N CHGBLE
		<u>TOTAL NAVY AOB:</u>	0.0	38.2	0.0	38.5	0.0	38.6	0.0	38.2	0.0	38.6	
		<u>TOTAL NAVY CHARGEABLE:</u>	0.0	37.8	0.0	38.1	0.0	38.2	0.0	37.8	0.0	38.2	

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
VFA-106/ NAS Cecil Field/ 09679	D-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1	On line	166 days	6	ACDU	No change to currently planned Input/Output/AOB				
VFA-106/ NAS Cecil Field/ 09679	D-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A	On line	166 days	6	ACDU	No change to currently planned Input/Output/AOB				
VFA-106/ NAS Cecil Field/ 09679	D-2A-0604/ F/A-18 Fleet Replacement Pilot Category 3A	On line	110 days	6	ACDU	No change to currently planned Input/Output/AOB				
VFA-106/ NAS Cecil Field/ 09679	D-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4	On line	26 days	6	ACDU	No change to currently planned Input/Output/AOB				
VFA-125/ NAS Lemoore/ 65559	E-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1	On line	175 days	6	ACDU	No change to currently planned Input/Output/AOB				
VFA-125/ NAS Lemoore/ 65559	E-2A-0602/ F/A-18 Fleet Replacement Pilot Category	On line	155 days	6	ACDU	No change to currently planned Input/Output/AOB				
VFA-125/ NAS Lemoore/ 65559	E-2A-0603/ F/A-18 Fleet Replacement Pilot Category 2F	On line	156 days	6	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
VFA-125/ NAS Lemoore/ 65559	E-2A-0604/ F/A-18 Fleet Replacement Pilot Category 3A	On line	105 days	6	ACDU	No change to currently planned Input/Output/AOB				
VFA-125/ NAS Lemoore/ 65559	E-2A-0605/ F/A-18 Fleet Replacement Pilot Category 2H	On line	112 days	6	ACDU	No change to currently planned Input/Output/AOB				
VFA-125/ NAS Lemoore/ 65559	E-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4	On line	28 days	6	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2A-1101/ P-3C/P-3C Update 2 Replacement Pilot Category 1	On line	184 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2A-1102/ P-3C/P-3C Update 2 Replacement Pilot Category 2	On line	121 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2D-1101/ P-3C Replacement NFO Category 1	On line	131 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2D-1102/ P-3C Replacement NFO Category 2	On line	128 days	8	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
VP-30/ NAS Jackson- ville/65554	D-2D-1107/ P-3C/Post Command NFO Category 4	On line	11 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2D-1111/ P-3C/P-3C Update Replacement NFO Category 1 Track	On line	144 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2D-1116/ P-3C/P-3C Update Replacement NFO Category 5 Track	On line	60 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2A-1111/ P-3C/Update Replacement Pilot Category 1 Track	On line	206 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2D-1112/ P-3C/P-3C Update Replacement NFO Category 2 Track	On line	126 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2D-1113/ P-3C/P-3C Update Advanced Replacement NFO Category 3 Track	On line	51 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-2A-1113/ P-3C/Update Advanced Pilot (PXO) Category 3 Pipeline	On line	46 days	8	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
VS-41/ NAS North Island/ 65566	E-2D-1700/ S-3B NFO Category 3	On line	101 days	8	ACDU	No change to currently planned Input/Output/AOB				
VS-41/ NAS North Island/ 65566	E-2A-1707/ S-3B Fleet Replacement Pilot Category 3	On line	101 days	2	ACDU	No change to currently planned Input/Output/AOB				
VS-41/ NAS North Island/ 65566	E-2D-1707/ S-3B Fleet Replacement NFO Category 1	On line	233 days	9	ACDU	No change to currently planned Input/Output/AOB				
VS-41/ NAS North Island/ 65566	E-2A-1708/ S-3B Fleet Replacement Pilot Category 1	On line	233 days	8	ACDU	No change to currently planned Input/Output/AOB				
VS-41/ NAS North Island/ 65566	E-2D-1708/ S-3B Fleet Replacement NFO Category 2	On line	146 days	3	ACDU	No change to currently planned Input/Output/AOB				
VS-41/ NAS North Island/ 65566	E-2A-1709/ S-3B Fleet Replacement Pilot Category 2	On line	146 days	3	ACDU	No change to currently planned Input/Output/AOB				
NATTC/ NAS Memphis/ 30459	C-646-2011/ AO Class A1 School (Core)	On line	32 days	TBD	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
NATTC/ NAS Memphis/ 30459	C-646-2012/ AO Class A1 School (Airwing Strand)	On line	26 days	TBD	ACDU	No change to currently planned Input/Output/AOB				
NATTC/ NAS Memphis/ 30459	C-646-2013/ AO Class A1 School (Ship/Shore Strand)	On line	11 days	TBD	ACDU	No change to currently planned Input/Output/AOB				
MTU-1039/ NAMTG NAS Cecil Field/ 66050	C-646-9973/ F/A-18 Stores Mgt Integrated Org. Maintenance (Initial)	On line	26 days	TBD	ACDU	No change to currently planned Input/Output/AOB				
MTU-1038/ NAMTG NAS Lemoore/ 66060	C-646-9973/ F/A-18 Stores Mgt Integrated Org. Maintenance (Initial)	On line	26 days	TBD	ACDU	No change to currently planned Input/Output/AOB				
MTU-1039/ NAMTG NAS Cecil Field/ 66050	C-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance (Career)	On line	10 days	TBD	ACDU	No change to currently planned Input/Output/AOB				
MTU-1038/ NAMTG NAS Lemoore/ 66060	C-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance (Career)	On line	10 days	TBD	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
SFWSL/ NAS Cecil Field/ 47084	D-646-0640/ F/A-18 Conven- tional Weapons Release and Loading	On line	5 days	8	ACDU	No change to currently planned Input/Output/AOB				
SFWSP/ NAS Lemoore/ 35185	E-646-0640/ F/A-18 Conven- tional Weapons Loading	On line	5 days	8	ACDU	No change to currently planned Input/Output/AOB				
SFWSL/ NAS Cecil Field/ 47084	D-646-0647/ F/A-18 Conven- tional Release System	On line	4 days	8	ACDU	No change to currently planned Input/Output/AOB				
SFWSP/ NAS Lemoore/ 35185	E-646-0647/ F/A-18 Conven- tional Release System	On line	4 days	8	ACDU	No change to currently planned Input/Output/AOB				
VP-30/ NAS Jackson- ville/65554	D-050-1152/ P-3C/Ordnance Inflight Maint. Practical Job Training	On line	113 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-1011/ NAMTG NAS Jackson/ ville/ 66051	C-646-9570/ P-3C Armament/ Ordnance Systems O-Level Maintenance (Initial)	On line	9 days	TBD	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
MTU-1012/ NAMTG NAS Whidbey Island/ 66058	C-646-9570/ P-3C Armament/ Ordnance Systems O-Level Maintenance (Initial)	On line	9 days	TBD	ACDU	No change to currently planned Input/Output/AOB				
MTU-1011/ NAMTG NAS Jackson- ville/ 66051	C-646-9571/ P-3C Armament/ Ordnance Systems O-Level Maintenance (Career)	On line	11 days	TBD	ACDU	No change to currently planned Input/Output/AOB				
MTU-1012/ NAMTG NAS Whidbey Island/ 66058	C-646-9571/ P-3C Armament/ Ordnance Systems O-Level Maintenance (Career)	On line	11 days	TBD	ACDU	No change to currently planned Input/Output/AOB				
VS-41/ NAMTG NAS North Island/ 65566	E-646-1744/ S-3B Armament Control and Delivery Systems Integrated Org. Maint.	On line	26 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-1036/ NAMTG NAS Cecil Field/ 09539	C-646-9677/ S-3B Armament Control and Delivery Systems Integrated Org. Maint. (Career)	On line	10 days	8	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
MTU-1037/ NAMTG NAS North Island/ 65566	C-646-9677/ S-3B Armament Control and Delivery Systems Integrated Org. Maint. (Career)	On line	10 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-1036/ NAMTG NAS Cecil Field/ 09539	C-646-9678/ S-3B Armament Control and Delivery Systems Integrated Org. Maint. (Initial)	On line	12 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-1037/ NAMTG NAS North Island/ 65566	C-646-9678/ S-3B Armament Control and Delivery Systems Integrated Org. Maint. (Initial)	On line	12 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-4030/ NAMTG NAS Mayport/ 66069	C-122-3111/ Air Launched Guided Missile Int. Maint.	On line	11 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-4030/ NAMTG NAS Mayport/ 66069	C-646-4108/ Weapons Dept Air Launched Weapons Supervisors	On line	18 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-4030/ NAMTG NAS Mayport/ 66069	C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	On line	19 days	8	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, Team and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
MTU-4032/ NAMTG NAS Norfolk/ 66046	C-122-3111/ Air Launched Guided Missile Int. Maint.	On line	11 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-4032/ NAMTG NAS Norfolk/ 66046	C-646-4108/ Weapons Dept Air Launched Weapons Supervisors	On line	18 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-4032/ NAMTG NAS Norfolk/ 66046	C-646-4109/ Weapons Dept Launched Weapons General Ordnance	On line	19 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-4033/ NAMTG NAS North Island/ 66065	C-122-3111/ Air Launched Guided Missile Int. Maint.	On line	11 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-4033/ NAMTG NAS North Island/ 66065	C-646-4108/ Weapons Dept Air Launched Weapons Supervisors	On line	18 days	8	ACDU	No change to currently planned Input/Output/AOB				
MTU-4033/ NAMTG NAS North Island/ 66065	C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	On line	19 days	8	ACDU	No change to currently planned Input/Output/AOB				

III.A.2. Follow-On Training (Operation, Maintenance, Operation and Maintenance, ~~Tea~~ and Prerequisite) (Continued)

<u>SCHOOL/ LOCATION/ UIC</u>	<u>COURSE/ TYPE OF TRAINING</u>	<u>BEGIN DATE</u>	<u>COURSE LENGTH</u>	<u>MAX. CLASS SIZE</u>	<u>ACDU/ TAR/ SELRES</u>	<u>FY96 OFF ENL</u>	<u>FY97 OFF ENL</u>	<u>FY98 OFF ENL</u>	<u>FY99 OFF ENL</u>	<u>FY00 OFF ENL</u>
NAVSCOLEOD/ NSWC IHD/ 42136	A-431-0011/ EOD Phase II (NAVY)	On line	218 days	8	ACDU	No change to currently planned Input/Output/AOB				
EODTEU ONE/ NAS Barbers Point/30202	G-431-0001/ EOD Pre-Deployment Training	On line	28 days	8	ACDU	No change to currently planned Input/Output/AOB				
EODTEU ONE/ NAS Barbers Point/30202	G-431-0003/ EOD Shore Detach- ment Training	On line	25 days	8	ACDU	No change to currently planned Input/Output/AOB				
EODTEU ONE/ NAS Barbers Point/30202	G-431-0005/ EOD Mobile Team Training	On line	12 days	8	ACDU	No change to currently planned Input/Output/AOB				
EODTEU TWO/ Fort Story/ 43505	G-431-0001/ EOD Pre-Deployment Training	On line	28 days	8	ACDU	No change to currently planned Input/Output/AOB				
EODTEU TWO/ Fort Story/ 43505	G-431-0003/ EOD Shore Detach- ment Training	On line	25 days	8	ACDU	No change to currently planned Input/Output/AOB				
EODTEU TWO/ Fort Story/ 43505	G-431-0005/ EOD Mobile Team Training	On line	12 days	8	ACDU	No change to currently planned Input/Output/AOB				

PART IV - TRAINING LOGISTIC SUPPORT REQUIREMENTS

The following elements are not affected by the HARPOON Missile and, therefore, are not included in this NTP.

- IV.A.1 Technical Training Equipment
- IV.A.3 Electronic Test Equipment- General Purpose/Special Purpose
- IV.B.1 Training Services
- IV.B.3 Training Aids (Instructional Aids)
- IV.C.1 Facility Requirements Summary (Space/Support) by Activity
- IV.C.2 Facility Requirements Detailed by Activity by Course
- IV.C.3 Facility Project Summary by Program

PART IV - TRAINING LOGISTIC SUPPORT REQUIREMENTS

IV.A TRAINING HARDWARE REQUIREMENTS

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

Description: AN/DSM-127A, HARPOON Missile Subsystem Test Set
Purpose: Used for fault isolation testing for WRA/SRA level at the D-Level. Training for the AN/DSM-127A is conducted as On the Job Training (OJT) at WPNSTA Yorktown and is not contained in this section.

Description: TS-3519D/DSM, Air Launch Missile Test Set Simulator
Purpose: Portable unit, simulates HARPOON missile and interfaces with aircraft pylons for fault isolation testing.

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 and D-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A and D-2A-0604/ F/A-18 Category 3A (Attack) Fleet Replacement Pilot and D-2A-0606/ F/A-18 Category 4 Fleet Replacement Pilot	VFA-106/ NAS Cecil Field/ 09679		TS-3519D/DSM		1	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
E-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 and E-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A and E-2A-0603/ F/A-18 Fleet Replacement Pilot Category 2F and E-2A-0604/ F/A-18 Fleet Replacement Pilot Category 3A and E-2A-0605/ F/A-18 Fleet Replacement Pilot Category 2H and E-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4	VFA-125/ NAS Lemoore/ 65559		TS-3519D/DSM		1	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-2A-1101/ P-3C and P-3C Update Replacement Pilot Category 1 and D-2A-1102/ P-3C Replacement Pilot Category 2 and D-2A-1111/ P-3C Update Replace- ment Pilot Category 1 and D-2A-1113/ P-3C Update Advanced Pilot (PXO) Category 3 Pipeline and D-2D-1101/ P-3C Replacement NFO Category 1 and D-2D-1102/ P-3C Replacement NFO Category 2 and D-2D-1107/ P-3C Post Command NFO Category 4	VP-30/NAS Jacksonville/ 65554		TS-3519D/DSM		2	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
and D-2D-1111/ P-3C Update Replacement NFO Category 1 and D-2D-1112/ P-3C Update Replace- ment NFO Category 2 and D-2D-1113/ P-3C/Update Advanced NFO Category 3 and D-2D-1116/ P-3C Replacement NFO Category 5	VP-30/NAS Jacksonville/ 65554 (Continued)					
C-646-9571/ P-3C Armament/Ord- nance Systems O-Level Maint. (Career)	MTU-1011/ NAMTG NAS Jacksonville/ 66051		TS-3519D/DSM		1	On Hand
C-646-9570/ P-3C Armament/Ord- nance Systems O-Level Maint. (Initial)	MTU-1012/ NAMTG NAS Whidbey Island/ 66058		TS-3519D/DSM		1	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-646-9570/ P-3C Armament/ Ordnance Systems O-Level Maintenance (Initial)	MTU-1011/ NAMTG NAS Jacksonville/ 66051		TS-3519D/DSM		1	On Hand
C-646-9571/ P-3C Armament/ Ordnance Systems O-Level Maintenance (Career)	MTU-1012/ NAMTG NAS Whidbey Island/ 66058		TS-3519D/DSM		1	On Hand
E-2D-1700/ S-3B Category 3 NFO and E-2D-1701/ S-3B NFO Transition and E-2A-1707/ S-3B Category 3 Pilot Transition Training and E-2D-1707/ S-3B Fleet Replace- ment NFO Category 1 and						

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
E-2A-1708/ S-3B Fleet Replace- ment Pilot Category 1 and E-2D-1708/ S-3B Fleet Replacement NFO Category 1 and E-2A-1709/ S-3B Fleet Replace- ment Pilot Category 2	VP-30/NAS Jacksonville/ 65554 (Continued)					
D-646-1744/ S-3B Armament Systems Org Maint	MTU-1036/ NAMTG NAS Cecil Field/ 09539		TS-3519D/DSM		1	On Hand
C-646-9677/ S-3B Armament Con- trol & Delivery Systems Integrated O-Level Maint (Career)	MTU-1036/ NAMTG NAS Cecil Field/ 09539		TS-3519D/DSM		1	On Hand
E-646-9677/ S-3B Armament Con- trol & Delivery Systems Integrated O-Level Maint (Career)	MTU-1037/ NAMTG NAS North Island/ 65566		TS-3519D/DSM		1	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-646-9678/ S-3B Armament Con- trol and Delivery Systems Integrated O-Level Maint (Initial)	MTU-1036/ NAMTG NAS Cecil Field/ 09539		TS-3519D/DSM		1	On Hand
C-646-9678/ S-3B Armament Con- trol & Delivery Systems Integrated O-Level Maint (Initial)	MTU-1037/ NAMTG NAS North Island/ 65566		TS-3519D/DSM		1	On Hand
C-646-2011/ AO Class A1 School (Core)	NATTC/ NAS Memphis/ 30459		TS-3519D/DSM		1	On Hand
C-646-2012/ AO Class A1 School (Airwing Strand)	NATTC/ NAS Memphis/ 30459		TS-3519D/DSM		1	On Hand
C-646-2013/ AO Class A1 School (Ship/Shore Strand)	NATTC/ NAS Memphis/ 30459		TS-3519D/DSM		1	On Hand
D-646-9973/ F/A-18 Stores Mgt Integrated Org. Maintenance (Initial)	MTU-1039/ NAMTG NAS Cecil Field/ 66050		TS-3519D/DSM		1	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
E-646-9973/ F/A-18 Stores Mgt Integrated Org. Maintenance (Initial)	MTU 1038/ NAMTG NAS Lemoore/ 66060			TS-3519D/DSM	1	On Hand
D-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance (Career)	MTU-1039/ NAMTG NAS Cecil Field/ 66050			TS-3519D/DSM	1	On Hand
E-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance (Career)	MTU-1038/ NAMTG NAS Lemoore/ 66060			TS-3519D/DSM	1	On Hand
E-646-0640/ F/A-18 Conventional Weapons Release and Loading and E-646-0647/ F/A-18 Conventional Weapons Release System	SFWSP/ NAS Lemoore/ 35185			TS-3519D/DSM	1	On Hand
D-646-0640/ F/A-18 Conventional Weapons Release and Loading and	SFWSL/ NAS Cecil Field/47084			TS-3519D/DSM	1	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-646-0647/ F/A-18 Conventional Weapons Release System	SFWSL/ NAS Cecil Field/47084 (Continued)					
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4030/ NAMTG NAS Mayport/ 66069		TS-3519D/DSM		1	On Hand
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4032/ NAMTG NAS Norfolk/ 66046		TS-3519D/DSM		1	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4033/ NAMTG NAS North Island/ 66065		TS-3519D/DSM		1	On Hand
C-122-3111/Air Launched Guided Missile Intermediate Maintenance and C-646-4108/Weapons Dept. Air Launched Weapons Supervisors and C-646-4019/Weapons Dept. Air Launched Weapons General Ordnance	MTU-4030/ NAMTG NAS Mayport/ 66069		AN/DSM-127A		2	On Hand
C-122-3111/Air Launched Guided Missile Intermediate Maintenance and	MTU-4032/ NAMTG NAS Norfolk/ 66046		AN/DSM-127A		2	On Hand

IV.A.2. Test Equipment - General Purpose/Special Purpose/Special Tools (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>GENERAL PURPOSE</u>	<u>SPECIAL PURPOSE</u>	<u>SPECIAL TOOLS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-646-4108/Weapons Dept. Air Launched Weapons Supervisors and C-646-4109/Weapons Dept. Air Launched Weapons General Ordnance	MTU-4032/ NAMTG NAS Norfolk/ 66046 (Continued)					
C-122-3111/Air Launched Guided Missile Intermediate Maintenance and C-646-4108/Weapons Dept. Air Launched Weapons Supervisors and C-646-4019/Weapons Dept. Air Launched Weapons General Ordnance	MTU-4033/ NAMTG NAS North Island/ 66065		AN/DSM-127A		2	On Hand

IV.A.4 Repair Parts for Technical Training Equipment

<u>COURSE/TYPE</u> <u>OF TRAINING</u>	<u>SCHOOL</u> <u>LOCATION/UIC</u>	<u>TECHNICAL</u> <u>TRAINING EQUIPMENT</u>	<u>TYPE AND RANGE</u> <u>OF REPAIR</u>	<u>DATE</u> <u>PARTS REQD</u>
--	--------------------------------------	---	---	----------------------------------

Repair parts will be procured by using activities initiating standard Navy MILSTRIP requisitioning procedures in NAVSUP Publication 437 or 485.

IV.A.5. Training Devices

Description of Device: See Section I.G.10 - HETA/AMEWT

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
P-3 Engagement/Tactics	COMPATWING 11 Jacksonville/ 09461	HETA	7	On Hand
P-3 Engagement/Tactics	COMPATWING 5 Brunswick/ 53823	HETA	5	On Hand
P-3 Engagement/Tactics	COMPATWING 2 Barbers Point/ 43028	HETA	4	On Hand
S-3 Engagement/Tactics	COMSEASTRKWING-1 Cecil Field/ 09679	HETA	1	On Hand
S-3 Engagement/Tactics	COMASWWINGPAC North Island/ 65566	HETA	1	On Hand
M-ON-N HETA Tactics	Strike Warfare Unit Fallon/ 46081	HETA	1	On Hand
P-3 Engagement/Tactics	COMPATWINGSPAC Barbers Point/ 43028	HETA	1	On Hand
	COMPATWINGSLANT Brunswick/ 53823	HETA	1	On Hand

IV.A.5. Training Devices - HETA/AMEWT (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
S-3 Engagement/Tactics	VS-21/ NAS North Island/ 65566	HETA	1	On Hand
S-3 Engagement/Tactics	VS-41/ NAS North Island/ 65566	HETA	2	On Hand
S-3 Engagement/Tactics	VS-33/ NAS North Island/ 09263	HETA	1	On Hand
S-3 Engagement/Tactics	VS-37/ NAS North Island/ 09381	HETA	1	On Hand
S-3 Engagement/Tactics	VS-22/ NAS Cecil Field/ 09287	HETA	1	On Hand
S-3 Engagement/Tactics	VS-24/ NAS Cecil Field/ 09629	HETA	1	On Hand
S-3 Engagement/Tactics	VS-32/ NAS Cecil Field/ 09353	HETA	1	On Hand
S-3 Engagement/Tactics	WING ONE NAS Cecil Field/ 52955	HETA	1	On Hand

IV.A.5. Training Devices - HETA/AMEWT (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
F/A-18 Engagement/Tactics	SFWSL/ NAS Cecil Field/ 47084	HETA	1	On Hand
F/A-18 Engagement/Tactics	SFWSP/ NAS Lemoore/ 35185	HETA	1	On Hand
			31 TOTAL	

IV.A.5. Training Devices (Continued)

Description of Device:

Captive Air Training Missile (CATM)- The CATM is an inert, captive flight trainer which permits realistic exercise of the HARPOON missile.

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 and D-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A and D-2A-0604/ F/A-18 Category 3A (Attack) Fleet Replacement Pilot and D-2A-0606/ F/A-18 Category 4 Fleet Replacement Pilot	VFA-106/NAS Cecil Field/ 09679	CATM-84D-1	1	Note 1:
E-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 and	VFA-125/ NAS Lemoore/ 65559	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
E-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A and E-2A-0603/ F/A-18 Fleet Replacement Pilot Category 2F and E-2A-0604/ F/A-18 Fleet Replacement Pilot Category 3A and E-2A-0605/ F/A-18 Fleet Replacement Pilot Category 2H and E-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4	VFA-125/ NAS Lemoore/ 65559 (Continued)			
D-2A-1101/ P-3C and P-3C Update Replacement Pilot Category 1 and	VP-30/NAS Jacksonville/ 65554	CATM-84D-1	2	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-2A-1102/ P-3C Replacement Pilot Category 2 and	VP-30/NAS Jacksonville/ 65554 (Continued)			
D-2A-1111/ P-3C Update Replacement Pilot Category 1 and				
D-2A-1113/ P-3C Update Advanced Pilot (PXO) Category 3 Pipeline and				
D-2D-1101/ P-3C Replacement NFO Category 1 and				
D-2D-1102/ P-3C Replacement NFO Category 2 and				
D-2D-1107/ P-3C Post Command NFO Category 4 and				
D-2D-1111/ P-3C Update Replace- ment NFO Category 1 and				

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-2D-1112/ P-3C Update Replace- ment NFO Category 2 and D-2D-1113/ P-3C/Update Advanced NFO Category 3 and D-2D-1116/ P-3C Replacement NFO Category 5	VP-30/NAS Jacksonville/ 65554 (Continued)			
C-646-9571/ P-3C Armament/ Ordnance Systems Integrated O-Level Maintenance	MTU-1011/ NAMTG NAS Jacksonville/ 66051	CATM-84D-1	1	Note 1:
C-646-9571/ P-3C Armament/ Ordnance Systems Integrated O-Level Maintenance	MTU-1012/ NAMTG NAS Whidbey Island/ 66058	CATM-84D-1	1	Note 1:
C-646-9571/ P-3C Armament/ Ordnance Systems Integrated O-Level Maintenance (Career)	MTU-1011/ NAMTG NAS Jacksonville/ 66051	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-646-9571/ P-3C Armament/ Ordnance Systems Integrated O-Level Maintenance (Career)	MTU-1012/ NAMTG NAS Whidbey Island/ 66058	CATM-84D-1	1	Note 1:
C-646-9570/ P-3C Armament/ Ordnance Systems Integrated O-Level Maintenance (Initial)	MTU-1011/ NAMTG NAS Jacksonville/ 66051	CATM-84D-1	1	Note 1:
C-646-9570/ P-3C Armament/ Ordnance Systems Integrated O-Level Maintenance (Initial)	MTU-1012/ NAMTG NAS Whidbey Island/ 66058	CATM-84D-1	1	Note 1:
E-2D-1700/ S-3B Category 3 NFO and E-2A-1707/ S-3B Category 3 Flot Transition Training and E-2D-1707/ S-3B Fleet Replace- ment NFO Category 1 and	VS-41/NAS North Island/ 65566	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
E-2A-1708/ S-3B Fleet Replacement Pilot Category 1 and E-2D-1708/ S-3B Fleet Replacement NFO Category 1 and E-2A-1709/ S-3B Fleet Replace- ment Pilot Category 2 and E-646-1744/ S-3B Armament Systems Org Maint	VS-41/NAS North Island/ 65566 (Continued)			
C-646-9677/ S-3B Armament Cont- rol & Delivery Systems Integrated O-Level Maint (Career)	MTU-1036/ NAMTG NAS Cecil Field/ 09539	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-646-9677/ S-3B Armament Cont- rol & Delivery Systems Integrated O-Level Maint (Career)	MTU-1037/ NAMTG NAS North Island/ 65566	CATM-84D-1	1	Note 1:
C-646-9678/ S-3B Armament Cont- rol & Delivery Systems Integrated O-Level Maint (Initial)	MTU-1036/ NAMTG NAS Cecil Field/ 09539	CATM-84D-1	1	Note 1:
C-646-9678/ S-3B Armament Cont- rol & Delivery Systems Integrated O-Level Maint (Initial)	MTU-1037/ NAMTG NAS North Island/ 65566	CATM-84D-1	1	Note 1:
C-646-2011/ AO Class A1 School (Core)	NATTC/ NAS Memphis/ 30459	CATM-84D-1	1	Note 1:
C-646-2012/ AO Class A1 School (Airwing Strand)	NATTC/ NAS Memphis/ 30459	CATM-84D-1	1	Note 1:
C-646-2013/ AO Class A1 School (Ship/Shore Strand)	NATTC/ NAS Memphis/ 30459	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance (Career)	MTU-1039/ NAMTG NAS Cecil Field/ 66050	CATM-84D-1	1	Note 1:
E-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance (Career)	MTU-1038/ NAMTG NAS Lemoore/ 66060	CATM-84D-1	1	Note 1:
D-646-9973/ F/A-18 Stores Mgt Integrated Org. Maintenance (Initial)	MTU-1039/ NAMTG NAS Cecil Field/ 66050	CATM-84D-1	1	Note 1:
E-646-9973/ F/A-18 Stores Mgt Integrated Org. Maintenance (Initial)	MTU-1038/ NAMTG NAS Lemoore/ 66060	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
E-646-0640/ F/A-18 Conventional Weapons Release and Loading and E-646-0647/ F/A-18 Conventional Weapons Release System	SFWSP/ NAS Lemoore/ 35185	CATM-84D-1	1	Note 1:
D-646-0640/ F/A-18 Conventional Weapons Release and Loading and D-646-0647/ F/A-18 Conventional Weapons Release System	SFWSL/ NAS Cecil Field/47084	CATM-84D-1	1	Note 1:
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4030/ NAMTG NAS Mayport/ 66069	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4032/ NAMTG NAS Norfolk/ 66046	CATM-84D-1	1	Note 1:
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4033/ NAMTG NAS North Island/ 66065	CATM-84D-1	1	Note 1:
Load/Handling	NAS Keflavik/ 63032	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
Load/Handling	NAF Kadena/ 09136	CATM-84D-1	1	Note 1:
Load/Handling	NAS Sigonella/ 62995	CATM-84D-1	1	Note 1:
Pipeline Spare	NSWC-IHD/ 30446	CATM-84D-1	1	Note 1:
Load/Handling and Capt. Flt.	CV POOL LANT	CATM-84D-1	6	Note 1:
Load/Handling and Capt. Flt.	CV POOL PAC	CATM-84D-1	6	Note 1:
Load/Handling and Capt. Flt.	NAVSUPFAC Diego Garcia/68827	CATM-84D-1	2	Note 1:
Load/Handling and Capt. Flt.	NAS Adak/ 60462	CATM-84D-1	2	Note 1:
Load/Handling and Capt. Flt.	NAS North Island/ 43396	CATM-84D-1	1	Note 1:
Load/Handling and Capt. Flt.	NAS Point Mugu/ 60530	CATM-84D-1	1	Note 1:
Load/Handling and Capt. Flt.	Atsugi, Japan	CATM-84D-1	2	Note 1:
Load/Handling and Capt. Flt.	Roosevelt Roads	CATM-84D-1	1	Note 1:

IV.A.5. Training Devices - CATM (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
Load/Handling and Capt. Flt.	Moffett Field	CATM-84D-1	1	Note 1:
Load/Handling and Capt. Flt.	Willow Grove	CATM-84D-1	1	Note 1:

NOTE 1:

Two existing CATMs at listed training sites will undergo retrofit to become the CATM-84D-1. These training devices will become available as the retrofit is accomplished.

IV.A.5. Training Devices (Continued)

Description of Device: Practical EOD System Trainer (PEST). The PEST is a full-scale mock-up of the tactical weapon with all components being inert. It is used in rendering safe procedure training.

<u>COURSE/TYPE OF TRAINING</u>	<u>LOCATION/ SCHOOL/UIC</u>	<u>DEVICE</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
A-431-0011/ EOD Phase II Navy and A-431-0012/ EOD Phase II Other	NAVSCOLEOD/ NSWC Indian Head/42136	PEST	3	On Hand
G-431-0001/ EOD Pre-Deployment Training and G-431-0003/ EOD Shore Detachment Training and G-431-0005/ EOD Mobile Team Training	EODTEU ONE/ NAS Barbers Pt/ 30202	PEST	1	On Hand
G-431-0001/EOD Pre-Deployment Training and G-431-0003/ EOD Shore Detachment Training and G-431-0005/ EOD Mobile Team Training	EODTEU TWO/ Fort Story/ 43505	PEST	1	On Hand

IV.B.2. Curricula Materials

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
D-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 and	VFA-106/ NAS Cecil Field/ 09679	Training Course Control Document	3	On Hand
		Lesson Plan	3	
		Trainee Guide	10	
D-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A and				
D-2A-0604/ F/A-18 Category 3A (Attack) Fleet Replacement Pilot and				
D-2A-0606/ F/A-18 Category 4 Fleet Replacement Pilot				
E-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 and	VFA-125/ NAS Lemoore/ 65559	Training Course Control Document	3	On Hand
		Lesson Plan	3	
		Trainee Guide	10	
		Trainee/Training Comp Report	10	
E-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A and				

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
E-2A-0603/ F/A-18 Fleet Replacement Pilot Category 2F and E-2A-0604/ F/A-18 Fleet Replacement Pilot Category 3A and E-2A-0605/ F/A-18 Fleet Replacement Pilot Category 2H and E-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4	VFA-125/ NAS Lemoore/ 65559 (Continued)			
D-2A-1101/ P-3C and P-3C Update Replacement Pilot Category 1	VP-30/NAS Jacksonville/ 65554	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
and D-2A-1102/ P-3C Replacement Pilot Category 2				
and D-2A-1111/ P-3C Update Replacement Pilot Category 1				
and D-2A-1113/ P-3C Update Advanced Pilot (PXO) Category 3 Pipeline				
and D-2D-1101/ P-3C Replacement NFO Category 1	VP-30/NAS Jacksonville/ 65554			
and D-2D-1102/ P-3C Replacement NFO Category 2	(Continued)			
and D-2D-1107/ P-3C Post Command NFO Category 4				
and D-2D-1111/ P-3C Update Replacement NFO Category 1				
and D-2D-1112/ P-3C Update Replace- ment NFO Category 2				

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
D-2D-1113/ P-3C/Update Advanced NFO Category 3 and D-2D-1116/ P-3C Replacement NFO Category 5				
C-646-9571/ P-3C Armament/Ord- nance Systems Inte- grated O-Level Maintenance (Career)	MTU-1011/ NAMTG NAS Jacksonville/ 66051	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-646-9571/ P-3C Armament/Ord- nance Systems Inte- grated O-Level Maintenance (Career)	MTU-1012/ NAMTG NAS Whidbey Island/ 66058	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-646-9570/ P-3C Armament/Ord- nance Systems Inte- grated O-Level Maintenance (Initial)	MTU-1011/ NAMTG NAS Jacksonville/ 66051	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
C-646-9570/ P-3C Armament/Ord- nance Systems Inte- grated O-Level Maintenance (Initial)	MTU-1012/ NAMTG NAS Whidbey Island/ 66058	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
E-2D-1700/ S-3B Category 3 NFO and E-2A-1707/S-3B Category 3 Pilot Transition Training and E-2D-1707/ S-3B Fleet Replace- ment NFO Category 1 and E-2A-1708/ S-3B Fleet Replacement Pilot Category 1 and E-2D-1708/ S-3B Fleet Replacement NFO Category 1 and E-2A-1709/ S-3B Fleet Replace- ment Pilot Category 2 and E-646-1744/ S-3B Armament Systems Org Maint	VS-41/NAS North Island/ 65566	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3	On Hand

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
C-646-9677/ S-3B Armament Cont- rol and Delivery Systems Integrated O-Level Maint (Career)	MTU-1036/ NAMTG NAS Cecil Field/ 09539	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-646-9677/ S-3B Armament Cont- rol and Delivery Systems Integrated O-Level Maint (Career)	MTU-1037/ NAMTG NAS North Island/ 65566	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-646-9678/ S-3B Armament Cont- rol and Delivery Systems Integrated O-Level Maint (Initial)	MTU-1036/ NAMTG NAS Cecil Field/ 09539	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
C-646-9678/ S-3B Armament Cont- rol and Delivery Systems Integrated O-Level Maint (Initial)	MTU-1037/ NAMTG NAS North Island/ 65566	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-646-2011/ AO Class A1 School (Core)	NATTC/ NAS Memphis/ 30459	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-646-2012/ AO Class A1 School (Airwing Strand)	NATTC/ NAS Memphis/ 30459	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-646-2013/ AO Class A1 School (Ship/Shore Strand)	NATTC/ NAS Memphis/ 30459	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
E-646-0640/ F/A-18 Conventional Weapons Release and Loading and E-646-0647/ F/A-18 Conventional Weapons Release System	SFWSP/ NAS Lemoore/ 35185	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
D-646-0640/ F/A-18 Conventional Weapons Release and Loading and D-646-0647/ F/A-18 Conventional Weapons Release System	SFWSL/ NAS Cecil Field/47084	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
D-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance (Career)	MTU-1039/ NAMTG NAS Cecil Field/ 66050	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
E-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance (Career)	MTU-1038/ NAMTG NAS Lemoore/ 66060	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
D-646-9973/ F/A-18 Stores Mgt Integrated Org. Maintenance (Initial)	MTU-1039/ NAMTG NAS Cecil Field 66050	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
E-646-9973/ F/A-18 Stores Mgt Integrated Org. Maintenance (Initial)	MTU-1038/ NAMTG NAS Lemoore/ 66060	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4030/ NAMTG NAS Mayport/ 66069	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand
C-122-3111/ Air Launched Guided Missile Int. Maint. and	MTU-4032/ NAMTG NAS Norfolk/ 66046	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4032/ NAMTG NAS Norfolk/ 66046 (Continued)			
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4033/ NAMTG NAS North Island/ 66065	Training Course Control Document Lesson Plan Trainee Guide Trainee/Training Comp Report	3 3 10 10	On Hand

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
A-431-0011/ EOD Phase II Navy	NAVSCOLEOD NSWC Indian Head/42136	Training Course Control Document	3	On Hand
		Lesson Plan	3	
		Trainee Guide	10	
and		Trainee/Training Comp Report	10	
A-431-0012/ EOD Phase II Other				
G-431-0001/ EOD Pre-Deployment Training	EODTEU ONE/ NAS Barbers Pt/ 30202	Training Course Control Document	3	On Hand
		Lesson Plan	3	
		Trainee Guide	10	
and		Trainee/Training Comp Report	10	
G-431-0003/ EOD Shore Detachment Training				
and				
G-431-0005/ EOD Mobile Team Training				
G-431-0001/ EOD Pre-Deployment Training	EODTEU TWO/ Fort Story/ 43505	Training Course Control Document	3	On Hand
		Lesson Plan	3	
		Trainee Guide	10	
and		Trainee/Training Comp Report	10	
G-431-0003/ EOD Shore Detachment Training				
and				

IV.B.2. Curricula Materials (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TYPE OF MATERIAL</u>	<u>QTY. REQD</u>	<u>DATE REQD</u>
G-431-0005/ EOD Mobile Team Training	EODTEU TWO/ Fort Story/ 43505 (Continued)			

IV.B.4 Technical Manuals

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-2A-0601/ F/A-18 Cat. 1 Fleet Replacement Pilot and D-2A-0602/ F/A-18 Cat. 2A Fleet Replacement Pilot and D-2A-0604/ F/A-18 Cat. 3A Fleet Replacement Pilot and D-2A-0606/ F/A-18 Cat. 4 Fleet Replacement Pilot	VFA-106/ NAS Cecil Field/ 09679	A1-F18AC-NFM-000, F/A-18 NATOPS A1-F18AC-TAC-000, Tactical Manual A1-F18AE-LWS-000, Airborne Weapons/ Stores Loading Manual	Hardcopy	6	On Hand
E-2A-0601/ F/A-18 Cat. 1 Fleet Replacement Pilot and E-2A-0602/ F/A-18 Cat. 2A Fleet Replacement Pilot and	VFA-125/ NAS Lemoore/ 65559	A1-F18AC-NFM-000, F/A-18 NATOPS A1-F18AC-TAC-000, Tactical Manual A1-F18AE-LWS-000, Airborne Weapons Stores/Loading Manual	Hardcopy	6	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
E-2A-0603/ F/A-18 Cat. 2F Fleet Replacement Pilot and E-2A-0604/ F/A-18 Cat. 3A Fleet Replacement Pilot and E-2A-0605/ F/A-18 Cat. 2H Fleet Replacement Pilot and E-2A-0606/ F/A-18 Cat. 4 Fleet Replacement Pilot	VFA-125/ NAS Lemoore/ 65559 (Continued)				
D-2A-1101/ P-3C and P-3C Update 2 Replacement Pilot Cat. I and D-2D-1102/ P-3C Replacement Pilot Cat. II and D-2D-1107/ P-3C Post Command NFO Cat. IV	VP-30/ NAS Jack- sonville/ 65554	AW-820HN-M1B-000, Harpoon Missile Configurations Surface Attack- Air Launch NA 01-75PA-75, Airborne Weapons/ Stores Loading Manual NWP 55-2-P3, Tactical Manual NA 01-75PAA-1, P-3 NATOPS NA 01-75PAA-1.1 NFO NATOPS Harpoon Weapon System NA 01-75PAA-12.6, P-3A/B Inflight Maintenance Armament/Ordnance Station	Hardcopy	6	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-2A-1111/ P-3C Update Replacement Pilot Cat. I and	NAS Jackson- ville/ 65554 (Continued)				
D-2D-1112/ P-3C/Update Replace- ment NFO Cat II and					
D-2D-1113/ P-3C/Update Advanced NFO Cat. III and					
D-2A-1113/ P-3C Update Advanced Pilot (PXO) Cat III Pipeline and					
C-646-9570/ P-3C Armament Systems Integrated Org Maint Training (Initial) and					
C-646-9571/ P-3C Armament Systems Integrated Org Maint Training (Career)					

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-646-9570 P-3C Armament Systems Integrated Org Maint Training (Initial) and C-646-9571/ P-3C Armament Systems Integrated Org Maint Training (Career)	MTU-1012/ NAMTG NAS Whidbey Island/ 66058	AW-820HN-M1B-000 Harpoon Missile Configurations Surface Attack- Air Launch NA 01-75PA-75, Airborne Weapons/ Stores Loading Manual	Hardcopy	6	On Hand
E-2D-1700/ S-3B Category 3 NFO and E-2A-1707/ S-3B Category 3 Pilot Transition Training and E-2D-1707/ S-3B Fleet Replacement NFO Cat. 1 and	VS-41/NAS North Island/ 65566	NA 01-S3AAA-1, S-3 NATOPS NWP 55-2-S3B, Tactical Manual NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-AGM84A-2-1, Harpoon Missile Configurations Surface Attack- Air Launch NA 01-A/RGM84A-O, Harpoon Weapon System	Hardcopy	6	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
E-2A-1708/ S-3B Cat. I Fleet Replacement Pilot and E-2D-1708/ S-3B Cat. II Fleet Replacement NFO and E-2A-1709/ S-3B Fleet Replace- ment Pilot Cat II and E-646-1744/ S-3B Armament Systems Org Maint	VS-41/NAS North Island/ 65566 (Continued)				
C-646-9677/ S-3B Armament Cont- rol & Delivery Systems Integrated O-Level Maint (Career)	MTU-1036/ NAMTG NAS Cecil Field/ 09539	NA 01-S3AAA-1, S-3 NATOPS NWP 55-2-S3B, Tactical Manual NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-AGM84A-2-1, Harpoon Missile Configurations Surface Attack- Air Launch NA 01-A/RGM84A-0, Harpoon Weapon System	Hardcopy	6	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-646-9677/ S-3B Armament Control & Delivery Systems Integrated O-Level Maint (Career)	MTU-1037/ NAMTG NAS North Island/ 65566	NA 01-S3AAA-1, S-3 NATOPS NWP 55-2-S3B, Tactical Manual NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-AGM84A-2-1, Harpoon Missile Configurations Surface Attack- Air Launch NA 01-A/RGM84A-0, Harpoon Weapon System	Hardcopy	6	On Hand
C-646-9678/ S-3B Armament Control & Delivery Systems Integrated O-Level Maint (Initial)	MTU-1036/ NAMTG NAS Cecil Field/ 09539	NA 01-S3AAA-1, S-3 NATOPS NWP 55-2-S3B, Tactical Manual NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-AGM84A-2-1, Harpoon Missile Configurations Surface Attack- Air Launch NA 01-A/RGM84A-0, Harpoon Weapon System	Hardcopy	6	On Hand
C-646-9678/ S-3B Armament Control & Delivery Systems Integrated O-Level Maint (Initial)	MTU-1037/ NAMTG NAS North Island/ 65566	NA 01-S3AAA-1, S-3 NATOPS NWP 55-2-S3B, Tactical Manual NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-AGM84A-2-1, Harpoon Missile Configurations Surface Attack- Air Launch NA 01-A/RGM84A-0, Harpoon Weapon System	Hardcopy	6	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-646-2011/ AO A1 School (Core) and C-646-2012/ AO Class A1 School (Airwing Strand) and C-646-2013/ AO Class A1 School (Ship/Shore Strand)	NATTC/ NAS Memphis/ 30459	NA 01-85AD-75, Airborne Weapons Stores/ Loading Manual, A-6, EA-6 & KA-6 Systems A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-75PA-75, Airborne Weapons/ Stores Loading Manual NA 11-120A-1.2, Airborne Weapons Packaging/ Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard) NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based) NA 19-100-2, USN Handling Equipment Afloat NAVSEA OP-4, Ammunition and Explosives Afloat NAVSEA OP-5, Ammunition and Explosives Ashore NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. I, II	Hardcopy	8	On Hand
E-646-0640/ F/A-18 Weapons Release and Loading and E-646-0647/ F/A-18 Conventional Weapons Release System	SFWSP/ NAS Lemoore/ 35185	A1-F18AC-LWS-000, Airborne Weps/Stores Loading Manual, F-18 Aircraft	Hardcopy	8	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
D-646-0640/ F/A-18 Weapons Release and Loading and D-646-0647/ F/A-18 Conventional Weapons Release System	SFWSL/ NAS Cecil Field/47084	A1-F18AC-LWS-000, Airborne Weps/Stores Loading Manual, F-18 Aircraft	Hardcopy	8	On Hand
D-646-9974/ F/A-18 Stores Mgt Integrated Org. Maint. (Career)	MTU-1039/ NAMTG NAS Cecil Field/ 66050	A1-F18AC-LWS-000, Airborne Weps/Stores Loading Manual, F-18 Aircraft	Hardcopy	8	On Hand
E-646-9974/ F/A-18 Stores Mgt Integrated Org. Maint. (Career)	MTU-1038/ NAMTG NAS Lemoore/ 66060	A1-F18AC-LWS-000, Airborne Weps/Stores Loading Manual, F-18 Aircraft	Hardcopy	8	On Hand
D-646-9973/ F/A-18 Stores Mgt Integrated Org. Maint. (Initial)	MTU-1039/ NAMTG NAS Cecil Field/ 66050	A1-F18AC-LWS-000, AirborneWeps/Stores Loading Manual, F-18 Aircraft	Hardcopy	8	On Hand
E-646-9973/ F/A-18 Stores Mgt Integrated Org. Maint. (Initial)	MTU-1038/ NAMTG NAS Lemoore/ 66060	A1-F18AC-LWS-000, Airborne Weps/Stores Loading Manual, F-18 Aircraft	Hardcopy	8	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4030/ NAMTG NAS Mayport/ 66069	NA 11-120A-1.2, Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based) NAVSEA OP-4, Ammunition and Explosives Afloat NA 19-100-2, USN Handling Equipment Afloat NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading NAVSEA OP-5, Ammunition and Explosives Ashore NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. I,II	Hardcopy	8	On Hand
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	MTU-4032/ NAMTG NAS Norfolk/ 66046	NA 11-120A-1.2, Airborne Wpns Packaging/ Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard) NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based) NA 19-100-2, USN Handling Equipment Afloat NAVSEA OP-4, Ammunition and Explosives Afloat NAVSEA OP-5, Ammunition and Explosives Ashore NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. I,II	Hardcopy	8	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
C-122-3111/ Air Launched Guided Missile Int. Maint. and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors and C-646-4109/Weapons Dept Air Launched Weapons Gen'l Ord.	MTU-4033/ NAS North North Island/ 66065	NA 11-120A-1.2, Airborne Wpns Packaging/ Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard) NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore) NA 19-100-2, USN Handling Equipment Afloat NAVSEA OP-4, Ammunition and Explosives Afloat NAVSEA OP-5, Ammunition and Explosives (Ashore) NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. I, II	Hardcopy	8	On Hand
A-431-0011/ EOD Phase II (Navy) and A-431-0012/ EOD Phase II (Other)	NAVSCOLEOD/ NSWC Indian Head/30446	NA 01-85AD-75, Airborne Weapons Stores/ Loading Manual, EA-6 & KA-6 Systems A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-75PA-75, Airborne Weapons/ Stores Loading Manual AW-820HN-M1B-000, Harpoon Missile Config Surface Attack-Air Launch	Hardcopy	8	On Hand

IV.B.4 Technical Manuals (Continued)

<u>COURSE/TYPE OF TRAINING</u>	<u>SCHOOL/ LOCATION/UIC</u>	<u>TECHNICAL MANUAL TITLE and NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>
G-431-0001/ EOD Pre-Deployment Training and G-431-0003/ EOD Shore Detachment Training and G-431-0005 EOD Mobile Team Training	EODTEU ONE/ NAS Barbers Point/30202	NA 01-85AD-75, Airborne Weapons Stores/ Loading Manual, A-6, EA-6 & KA-6 Systems A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-75PA-75, Airborne Weapons/ Stores Loading Manual AW-820HN-M1B-000, Harpoon Missile Config Surface Attack-Air Launch NA 01-A/RGM84A-0, Harpoon Weapon System	Hardcopy	8	On Hand
G-431-0001/ EOD Pre-Deployment Training and G-431-0003/ EOD Shore Detachment Training and G-431-0005 EOD Mobile Team Training	EODTEU TWO/ Fort Story/ 43505	NA 01-85AD-75, Airborne Weapons Stores/ Loading Manual, A-6, EA-6 & KA-6 Systems A1-F18AC-LWS-000, Airborne Weapons Stores Loading Manual, F-18 Aircraft NA 01-S3AAA-75, Airborne Weapons/ Stores Loading Manual NA 01-75PA-75, Airborne Weapons/ Stores Loading Manual NA 01-AGM84A-2-1, Harpoon Missile Config Surface Attack-Air Launch NA 01-A/RGM84A-0, Harpoon Weapon System	Hardcopy	8	On Hand

HARPOON CATM REQUIREMENTS BY LOCATION

(*Denotes Reserve Squadron)

ATLANTIC ACTIVE & RESERVE STATIONS	PLATFORM SQUADRONS			COMMAND	REQUIREMENT	QTY	STATION	
	P-3	S-3	F/A-18				TOTAL	
NAS Cecil Field	-	-	1	VFA-106	F/A-18 FRS School	1		
	-	-	-	SFWS Maintenance	F/A-18 Loading	1		
	-	-	-	NAMTRAGRU Det	S-3 Loading School	1		
	-	5	10	CV Pool(S-3,F/A-18)	Proficiency Training	6		9
NAS Jacksonville	1	-	-	VP-30	P-3 FRS School	1		
	-	-	-	FASOTRAGRU Det	P-3 Loading School	1		
	3,1*	-	-	Patrol Wing (11)	Proficiency Training	2		
	-	-	-	NAMTRAGRU Det	Maintenance School	1		5
NAS Brunswick	4,1*	-	-	Patrol Wing (5)	Proficiency Training	3		3
NAS Mayport	-	-	-	NAMTRAGRU Det	Maintenance School	1		1
NAS Norfolk	-	-	-	NAMTRAGRU Det	Maintenance School	1		1
NATTC Memphis	-	-	-	AO A1 School	Formal Training	1		1
NAS Roosevelt Roads, PR	-	-	-	P-3 Deployment Site	Proficiency Training	1		1
NAS Keflavik, Iceland	-	-	-	P-3 Deployment Site	Proficiency Training	1		1
NAS Sigonella, Italy	-	-	-	P-3 Deployment Site	Proficiency Training	1		1
NAS Atlanta	-	-	1*	VFA-203	Proficiency Training	1		1
NAS Willow Grove	2*	-	-	VP-64, VP-66	Proficiency Training	1		1
Andrews AFB	1*	-	-	VP-68	Proficiency Training	1		1
Atlantic Totals:	8,5*	5	11,1*		Qty. Totals:	26		26

HARPOON CATM REQUIREMENTS BY LOCATION

(*Denotes Reserve Squadron)

PACIFIC ACTIVE & RESERVE STATIONS	PLATFORM SQUADRONS			COMMAND	REQUIREMENT	STATION	
	P-3	S-3	F/A-18			QTY	TOTAL
NAS Lemoore	-	-	1	VFA-125	F/A-18 FRS School	1	
	-	-	-	SFWS Maintenance	F/A-18 Loading	1	
	-	-	9	CV Pool, F/A-18	Proficiency Training	3	5
NAS Fallon	-	-	1	VFA-137	Integration Training	1	1
NAS Yokosuka	-	1	2	VS-21; VFA-192,195	Proficiency Training	2	2
NAS North Island	-	1	-	VS-41	S-3 FRS School	1	
	-	4	-	CV Pool, S-3	Proficiency Training	3	
	-	-	-	NAMTRAGRU Det	Maintenance School	2	6
NAS Whidbey Island	2,1*	-	-	Patrol Wing (10)	Proficiency Training	1	
	-	-	-	NAMTRAGRU Det	Maintenance School	1	2
NAS Barbers Point	4	-	-	Patrol Wing Pacific	Proficiency Training	2	2
NF Diego Garcia	-	-	-	P-3 Deployment Site	Proficiency Training	2	2
NAF Kadena, Okinawa	-	-	-	P-3 Deployment Site	Proficiency Training	2	2
NAS New Orleans	1*	-	1*	VP-94; VFA-204	Proficiency Training	1	1
NAWC-WD, Point Mugu	1*	-	-	VP-65	Proficiency Training	1	1
FAS Moffett Field	1*	-	-	VP-91	Proficiency Training	1	1
Pacific Totals:	6,4*	6	13,1*		Qty. Totals:	25	25

COMBINED TOTALS	PLATFORM SQUADRONS			COMMAND	REQUIREMENT	QTY
	P-3	S-3	F/A-18			
Atlantic Totals:	8,5*	5	11,1*		See break-out	26
Pacific Totals:	6,4*	6	13,1*		See break-out	25
Depot Maintenance:	-	-	-	NSWC-IHD	AUR Pipeline Spares	2
Combined Totals:	14,9*	11	24,2*			53

PART V - MAJOR MILESTONES

<u>COG CODE</u>	<u>MPT MILESTONES</u>	<u>DATE</u>	<u>REMARKS</u>
PDA	COMMENCE ANALYSIS OF MANPOWER, PERSONNEL AND TRAINING REQUIREMENTS	COMPLETED	
PDA	PROMULGATE DRAFT NTP TO ALCON FOR REVIEW AND COMMENT	COMPLETED	
ACNO/DMSO SPONSOR	CHAIR NTPC	COMPLETED	
PDA	PROPOSED NTP SUBMITTED TO OPNAV	COMPLETED	
ACNO (MPT)	APPROVE AND PROMULGATE NTP	COMPLETED	
PDA	ILS MASTER PLAN PROMULGATED	COMPLETED	
PDA	PRODUCTION CONTRACT AWARDED	COMPLETED	
TSA	FACTORY TRAINING AND CURRICULUM MATERIAL CONTRACT AWARDED	COMPLETED	
ACNO (MPT)	PROMULGATE UPDATE NTP	FEB 1996	
ACNO/DMSO SPONSOR	NTP UPDATE CONFERENCE	AS REQUIRED	
ACNO (MPT)	APPROVE UPDATED NTP	JUN 1996	

PART VI - ACTIONS AND/OR DECISIONS

VI.A.	<u>ACTION ITEM/ACTION REQUIRED</u>	<u>COMMAND ACTION</u>	<u>DUE DATE</u>	<u>STATUS</u>
	No Action Items Pending			

VI.B. DECISIONS

PART VII - POINTS OF CONTACT

<u>NAME</u>	<u>ORG. CODE</u>	<u>FUNCTION</u>	<u>LOCATION</u>	<u>TELEPHONE NUMBER (DSN/COMMERCIAL)</u>
CAPT A. J. Benn	PMA258	Program Manager	NAVAIRSYSCOM	757/(301) 757-6094
Mr. E. Werkmeister	AIR-3.1.3	APML	NAVAIRSYSCOM	757/(301) 757-6067
CDR J. Walker	PMA258	DAPML	NAVAIRSYSCOM	757/(301) 757-6074
Mr. M. Evans-Riester	PMA258	Harpoon Team Leader	NAVAIRSYSCOM	757/(301) 757-6075
Mr. M. Moore	313100D	Configuration Management	NAWC-WD CL	437/(619) 939-4220
LCDR. Langlais	T-2521	Avord Training.	CNET	922/(904) 452-8911
MSGT D. Anderson	N889H2A	Aviation TrainingNTP	OPNAV	664/(703) 604-7722
CDR Rolfe	20	Training Director	NAMTRAGRU	966/(901) 873-5136
LT G. Vargo	N-42	Training Aids Acquisition	NAVSCOLEOD	364/(301) 743-4341
Ms. G. Trollinger	632GT	Inventory Manager	NOC IMSD	430/(717) 790-5397
Mr. J. Burke	3.3.1.1/213A	Data Manager	NATSF	442/(215) 697-5354
AOCS J. Svoboda	2206	ALW Tech Coordinator	NAMTRAGRU	966/(901) 873-5136
Mr. R. Fils-Aime	Air-4.1.5	Systems Engineer	NAVAIRSYSCOM	757/(301) 757-6088
Mr. P. Lang	PMA260-C13	Support Equipment	NAVAIRSYSCOM	757/(301) 757-6863
Mr. W. Folkers	601A	Explosive Ordnance Disposal	NAVORDTEHCEN	364/(301) 743-4712
Mr. B. Long	PMA205	Manpower, Personnel, & Training	NAVAIRSYSCOM	757/(301) 757-8104
Mr. R. Sultzer	6540C	Training CFA	NSWC-IHD	354/(301) 753-9098 ext 292
Mr. P. Szczyglowski	3.4.1	Competency Manager	NAVAIRSYSCOM	757/(301) 757-9182
AVCM R. Lovern	3.4.1	NTSP Manager	NAVAIRSYSCOM	757/(301) 757-9183
ATCS D. Butler	3.4.1	NTSP Coordinator	NAVAIRSYSCOM	757/(301) 757-9188

SUMMARY OF COMMENTS
ON THE
HARPOON MISSILE
PROPOSED NAVY TRAINING PLAN

COMMENTS

HARPOON MISSILE PROPOSED NAVY TRAINING PLAN

TABLE OF CONTENTS

	<u>Page</u>
CMC	1
CNET	1
APML	2
VS-41	5
NAVORDCEN	6

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commandant of the Marine Corps (CMC)</u>				
	1. The Marine Corps has no stated requirement for the Harpoon. Suggest delete all reference to USMC aircraft, including course listings. Insert training waiver statement in section I.M. (Specific comments will follow.)	X		
	2. Page I-1, number 6 (Navy Manpower Analysis Center) - under BUPERS, please remove NODAC from this page. NODAC was disestablished on 1 January 1995.	X		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET)</u>				
	1. Delete all courses, NTP, or other references to A-6E aircraft throughout the entire NTP. All A-6E aircraft-related courses will no longer be taught as of September, 1995.	X		
	2. Page I-1, Para. I.C.3 - Change "CNET (N53)" to read "CNET (T25)".	X		
	3. Page I-4, Para. I.G.7.a - In the first sentence, add "a completely inert training device" between "is" and "used". Most CATMs can not be used in classrooms due to their containment of small amounts of explosives or other hazardous material.	X		
	4. Page I-7, Para. I.I.1.c - Delete "Limited I-Level Maintenance" and replace with "I-Level Maintenance (NWS/NAWMUs)" as described in OPNAVINST 8600.2B and throughout the rest of this NTP.	X		
	5. Page I-7, Para. I.I.1.e - Delete "Depot Level (D-Level) Maintenance" and replace with "Depot Level Maintenance (Factory)" as described in OPNAVINST 8600.2B.	X		
	6. Page I-10, Para. I.M.1.b.(2) - Delete reference to "FRAM" and replace with "FREST".		X	FREST is USMC.
	7. Page I-22, Para. I.M.1.b.(2)(a) - Due to conversion of course to "Core and Strand", Aviation Ordnance A1 School will now be three courses as follows:	X		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
(a)	<u>Aviation Ordnance Class A1 School (Core)</u>		X	
	Course number	C-646-2011		
	Course length	32 days		
	RFT date	Available Oct 95		
	Location	AO A School, NATTC Memphis, TN		
	Source rating	NA		
	Skill identifiers.	NEC none/MOS 6511 upon completion of Core and a Strand course		
	TD/TTE	See Part IV		
	Prerequisites.	Refer to NAVMILPERSCOMINST 1236.1 (USN) or MCO 1500.12 (USMC)		
	Clearance required	Confidential		
(b)	<u>Aviation Ordnance Class A1 School (Airwing Strand)</u>		X	
	Course number	C-646-2012		
	Course length	26 days		
	RFT date	Available Oct 95		
	Location	AO A School, NATTC Memphis, TN		
	Source rating	NA		
	Skill identifiers.	NEC none/MOS 6511 upon completion of Core and either Strand course		
	TD/TTE	See Part IV		
	Prerequisites.	Refer to NAVMILPERSCOMINST 1236.1 (USN) or MCO 1500.12 (USMC)		
	Clearance required	Confidential		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
	(c) <u>Aviation Ordnance Class A1 School (Ship/Shore Strand)</u>		X	
	Course number	C-646-2013		
	Course length	11 days		
	RFT date	Available Oct 95		
	Location	AO A School, NATTC Memphis, TN		
	Source rating	NA		
	Skill identifiers.	NEC none/MOS 6511 upon completion of Core and either Strand course		
	TD/TTE	See Part IV		
	Prerequisites.	Refer to NAVMILPERSCOMINST 1236.1 (USN) or MCO 1500.12 (USMC)		
	Clearance required	Confidential		
8.	Pages I-22 through I-24, paragraphs I.M.1.b.(2)(b) through (1); delete current paragraphs and replace with the following:			
	(d) <u>F/A-18 Conventional Weapons Release and Loading</u>		X	
	Course number	D/E-646-0640		
	Course length	5 days		
	RFT date	Currently available		
	Locations.	SFWSPAC, NAS Lemoore SFWSLANT, NAS Cecil Fld		
	Source rating	AO		
	Skill identifiers.	NEC 8342/MOS 6531 upon completion of track		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
TD/TTE	See Part IV			
Prerequisites	AO A1 or equivalent			
Clearance required	Confidential			
Note:	Part of D/E-646-0652 (USMC) and D/E-646-0641 (USN) tracks			
(e) <u>F/A-18 Conventional Release System</u>			X	
Course number	D/E-646-0647			
Course length	4 days			
RFT date	Currently available			
Locations	SFWSPAC, NAS Lemoore SFWSLANT, NAS Cecil Fld			
Source rating	AO			
Skill identifiers	NEC 8342/MOS 6531 upon completion of track			
TD/TTE	See Part IV			
Prerequisites	AO A1 or equivalent			
Clearance required	Confidential			
Note:	Part of D/E-646-0652 (USMC) and D/E-646-0641 (USN) tracks			
(f) <u>F/A-18 Stores Management Integrated Organizational Maintenance</u>			X	
Course number	C-646-9974			
Course length	33 days			
RFT date	Currently available			

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
Locations	NAMTGD Lemoore, CA, MTU 1038 NAMTGD Cecil Fld, FL, MTU 1039			
Source rating	AO			
Skill identifiers	NEC 8342/MOS 6531 upon completion of track			
TD/TTE	See Part IV			
Prerequisites	AO A1 or equivalent			
Clearance required	Confidential			
Note:	Part of D/E-646-0652 (USMC) and D/E-646-0641 (USN) tracks (Will disestablish Oct 95)			
(g) <u>F/A-18 Stores Management Integrated Organizational Maintenance (Initial)</u>			X	
Course number	C-646-9973			
Course length	26 days			
RFT date	Available Oct 95			
Locations	NAMTGD Lemoore, CA, MTU 1038 NAMTGD Cecil Fld, FL, MTU 1039			
Source rating	AO			
Skill identifiers	NEC 8847/MOS 6531 upon completion of track			
TD/TTE	See Part IV			
Prerequisites	AO A1 or equivalent			
Clearance required	Confidential			
Note:	Part of D/E-646-XXXX (USMC) and D/E-646-XXXX (USN) tracks			

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
(h)	<u>F/A-18 Stores Management Integrated Organizational Maintenance (Career)</u>		X	
	Course number	C-646-9974		
	Course length	XX days		
	RFT date	In development		
	Locations.	NAMTGD Lemoore, CA, MTU 1038 NAMTGD Cecil Fld, FL, MTU 1039		
	Source rating	AO		
	Skill identifiers.	NEC 8342/MOS 6531 upon completion of track		
	TD/TTE	See Part IV		
	Prerequisites.	AO A1 or equivalent		
	Clearance required	Confidential		
	Note:	Part of D/E-646-XXXX (USMC) and D/E-646-XXXX (USN) tracks		
(I)	<u>P-3C Armament/Ordnance Systems Integrated Organizational Maintenance</u>		X	
	Course length	23 days		
	Course number	C-646-9571		
	RFT date	Currently available		
	Locations.	NAMTGD Jacksonville, FL, MTU 1011 NAMTGD Whidbey Island, WA, MTU 1012		
	Source rating	AO		
	Skill identifiers.	NEC 8319 upon completion of track		
	TD/TTE	See Part IV		
	Prerequisites.	AO A1 or equivalent		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
	Clearance required	Confidential		
	Note:	Part of D/E-646-1140 track (Will disestablish Oct 95)		
(j)	<u>P-3C Armament/Ordnance Systems Integrated Organizational Maintenance (Initial)</u>		X	
	Course number	C-646-9570		
	Course length	9 days		
	RFT date	Available Oct 95		
	Locations	NAMTGD Jacksonville, FL, MTU 1011 NAMTGD Whidbey Island, WA, MTU 1012		
	Source rating	AO		
	Skill identifiers	NEC 8819 upon completion of track		
	TD/TTE	See Part IV		
	Prerequisites	AO A1 or equivalent		
	Clearance required	Confidential		
	Note:	Part of D/E-646-XXXX track		
(k)	<u>P-3C Armament/Ordnance Systems Integrated Organizational Maintenance (Career)</u>		X	
	Course number	C-646-9571		
	Course length	XX days		
	RFT date	In development		
	Locations	NAMTGD Jacksonville, FL, MTU 1011 NAMTGD Whidbey Island, WA, MTU 1012		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
	Source rating	AO		
	Skill identifiers.	NEC 8819 upon completion of track		
	TD/TTE	See Part IV		
	Prerequisites.	AO A1 or equivalent		
	Clearance required	Confidential		
	Note:	Part of D/E-646-1140 track		
(l)	<u>S-3B Armament Control and Delivery Systems Integrated Organizational Maintenance</u>		X	
	Course number	C-646-9677		
	Course length	30 days		
	RFT date	Currently available		
	Locations.	NAMTGD North Island, CA, MTU 1036 NAMTGD Cecil Fld, FL, MTU 1037		
	Source rating	AO		
	Skill identifiers.	NEC 8347 upon completion of track		
	TD/TTE	See Part IV		
	Prerequisites.	AO A1 or equivalent		
	Clearance required	Confidential		
	Note:	Part of D/E-646-1744 track		
(m)	<u>S-3B Armament Control and Delivery Systems Integrated Organizational Maintenance (Career)</u>		X	
	Course number	C-646-9677		
	Course length	XX days		
	RFT date	In development		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
	Locations			
				NAMTGD North Island, CA, MTU 1036
				NAMTGD Cecil Fld, FL, MTU 1037
	Source rating			AO
	Skill identifiers			NEC 8347 upon completion of track
	TD/TTE			See Part IV
	Prerequisites			C-646-9678 (Initial)
	Clearance required			Confidential
	Note:			Part of D/E-646-XXXX track
(n)	<u>S-3B Armament Control and Delivery Systems Integrated</u>			X
	<u>Organizational Maintenance (Initial)</u>			
	Course number			C-646-9678
	Course length			12 days
	RFT date			Available Oct 95
	Locations			NAMTGD North Island, CA, MTU 1036
				NAMTGD Cecil Fld, FL, MTU 1037
	Source rating			AO
	Skill identifiers			NEC 8847 upon completion of track
	TD/TTE			See Part IV
	Prerequisites			AO A1 or equivalent
	Clearance required			Confidential
	Note:			Part of D/E-646-1744 track
NOTE:	Delete references to "A-6E" as all training will dis-			X
	establish as of September 1995.			

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
9.	Page I-25, Para. I.M.2.b.(3)(d) - Delete current paragraph and replace with the following:			
	(d) <u>Aviation Ordnance Munitions Technician</u>		X	
	Course number	C-646-4107		
	Course length	43 days		
	RFT date	Currently available		
	Locations.	VMFAT-101 FREST, MCAS El Toro VMAT-203 FREST, MCAS Cherry Pt		
	Source rating	AO		
	Skill identifiers.	MOS 6521 upon completion of track		
	TD/TTE	See Part IV		
	Prerequisites.	MOS 6511		
	Clearance required	None		
	Note	Part of D/E-646-7013 track, Replace M-646-9060		
10.	Page I-28, Para. M.9 - Review list of reserve activities for accuracy. Some locations are being closed due to BRAC; i.e., VP-91 is deleted by BRAC 91.			X USMC course.
11.	Page I-28, I.M.9 (Naval Air Reserve Force) - Add the following Selected Reserve units to the list that require training.		X	
	VP-92NAS South Weymouth			
	WEPSTA NAS JRB New Orleans			
	WEPSTA NAF Washington (Andrews AFB)			
	WEPSTA NAS JRB Willow Grove			

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
	12. Page I-28, I.M.9 (Naval Air Reserve Force) - Delete the following Selected Reserve unit from the list that requires training: WEPSTA NAS Glenview	X		
	13. Page I-27, Para. I.O:			
	a. P-3 Update III, NTP A-50-8112A. Change to read: P-3 Update II.5/III, A-50-8112B/D; PMA 205-2B1B; Draft; 12/09/94.	X		
	b. S-3B, NTP A-50-8310B. Change to read: S-3B Aircraft; A-50-8310C/D; PMA 205-2B1B Draft; 6/29/94.	X		
	c. F/A-18, A-50-7703E/D. Change to read: F/A-18C/D Aircraft Weapons system; A-50-7703F/a; PMA 205-1C; Final; 1/18/95	X		
	d. F/A-18D, A-50-8811A; Canceled.	X		
	e. A-6E SWIP, A-50-8712A/A. Delete.	X		
	14. Page IV-6, paragraph IV.A.2. Course "D-050-1152/P-3C Ordnance Inflight Maintenance Practical Job" has been deleted and the NEC is now obsolete.	X		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>Commander, Naval Education and Training (CNET) (Continued)</u>				
	15. Page IV-21, Para. IV.A.5. For course "C-646-9571", the "Device" should be a "CATM-84D-1" vice "-2". This course is a classroom/lab that does not load for flight training by aircrews.	X		
	16. Page VII-1, Part VII, Points of Contact. Change and add the following:	X		
	Mr. E. Scheye, T-252, Aviation NTP Mgr, CNET, 922/904 452-4059 delete and replace with: LCDR Langlais, T-2521, AVORD Training, CNET, 922/904 452-8911 AOCS Svoboda, 2206, ALW Tech Coord., NAMTRAGRU, 966/901 873-5136			

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>APML</u>				
1.	Preface, Para. 2. Acronym "MP&T" should read "MPT" or change in the List of Acronyms.	X		
2.	Preface, Para. 2. OPNAVINST "1500.8M" should read "1500.8 (series)".	X		
3.	Page 4, List of Acronyms. Add "DCNO ... Deputy Chief of Naval Operations."	X		
4.	Page 4, List of Acronyms. For MILSTRIP, change "... procedure" to read "Procedures".	X		
5.	Page 5, List of Acronyms. Delete "NWS .. Naval Weapon Station".	X		
6.	Page 5, List of Acronyms. For WPNSTA, change "Weapon Station" to read "Weapons Station".	X		
7.	Page I-2, Paras. I.E.1 and I.G.1.a; and Page I-10, Para. I.M.1 - Change "Air launch" to read "Air-Launch".	X		
8.	Page I-2, Para. I.G.1.b.(1) - Change "Is the forward section" to read "the forward section".	X		
9.	Page I-4, Paras. 7.a. and 8.b. - Change "CATM" to read "CATM-84D-1".	X		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>APML (Continued)</u>				
	10. Page I-6, Para. I.I.1 - Revise paragraph as follows:		X	
	<p>In accordance with agreements made with CommanderniChief Pacific Fleet, a limited "I" level maintenance capability is being considered. Original planning is to stand up the Naval Air Weapons Maintenance Unit (NAWMU-1) and Naval Magazine (NAVMAG) LauLauLei to provide maintenance as described below: (Because of downsizing and political constraints, NAVMAG Subic equipment has been relocated to NAWMU-1 Guam.)</p> <p>(1) Receiving inspection, sentencing, unpacking, returned missile inspection, fuel leakage, battery electrolyte clean-up</p> <p>(2) Cable repair, cleaning and corrosion control, conversion coating applications, inlet duct cover seal removal and replacement, marker/stencil replacement, painting, wing latch cover replacement, wing delamination repair, and container repair</p> <p>(3) Final inspection, paint touch-up, designator application, installation of access covers, container inspection/preparation, installing missile in container, packing wings, fins, and cables, and marking containers</p>			
	11. Page I-6, Para. I.I.b - Line2, delete "...designated maintenance activities..." and replace with "... WPNSTA Yorktown..". Also, change "I-Level" to read "I-level".		X	

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>APML (Continued)</u>				
	12. Page I-6, Para. I.I.1.b - Delete (1) through (6) and replace with:		X	
	(1) Testing of AUR, Harpoon Missile Body, and sections			
	(2) Removal and replacement of missile sections			
	(3) Removal, replacement, and repair of SE WRAs/SRAs			
	(4) Replacement of common hardware			
	(5) Repair of containers			
	(6) Retrofit activity			
	13. Page I-7, Para. I.d - Delete paragraph in its entirety. Then renumber paragraph as I.d. Also, lines 5 and 7, change from "... discrepant the..." to "... the discrepant ... and" "...faulty the ..." to "...the faulty...".		X	
	14. Page I-7, Para. 2 - Delete the period at the end of the first sentence and add ", and on the USAF's B-52." Also, delete the last sentence.		X	
	16. Page I-8, Para. I.J.5.a - Change "AN/DSM-127" to read "AN/DSM-127A". Also, change "Naval Weapons Stations (NWS)" to read "WPNSTAs".		X	
	17. Page I-8, Para. I.J.6 - Correct "NWS" to read "WPNSTA". Also, change "...and Issue Procedure" to read "...and Issue Procedures".		X	

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>APML (Continued)</u>				
	18. Page I-9, Para. I.K.1 - Add acronym (WSPD) after "Weapons Systems Planning Document".	X		
	19. Page I-9, Para. I.L.2.c - Correct "...Aircraft." to read "...aircraft."	X		
	20. Page I-9, Para. I.L.2.d.(4) - Correct "NWS's" to read "WPNSTAS"; change "AO's" to read "Aos"; and change "Naval Air Stations (NASS)" to read "NASS".	X		
	21. Page I-10, Para. I.M.1 - Correct acronym (MAWS) to read "MAWSPAC" [see paragraph I.M.1.b.(1)]; change "NWS" and "Naval Weapon Station" to read "WPNSTA".	X		
	22. Page I-10, Para. I.M.1.(b) - Change "...at the Fleet Readiness Squadrons (FRS), Strike Weapons and Tactics School, Atlantic (SWATSLANT), Medium Attack Weapons School, Pacific (MAWSPAC) and the Naval Strike Warfare Center (NSWC)." to read "...at the FRS, SWATSLANT, MAWSPAC, and the Naval Surface Warfare Center (NSWC)".	X		
	23. Page III-1, Para. III.A.1. Correct "...no Initial Training requirements." to read "...no initial training requirements."	X		
	24. Page IV-43. Add WAM and change NA 01-AGM84A-2-1 to AW-820HN-MIB-000 to course D-2A-1101. Also, delete NA 01-A/RGM84A-0 from course D-2A-1102 as this is the technical manual listing; however, they may be referring to the MIB.	X		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>APML (Continued)</u>				
	25. Page IV-46 and -47. Add WAM and change NA01-AGM84A-2-1 to AW-820HN-MIB-000 to course C-646-9677. Also, delete NA01-A/RGM84A-0 as this is the technical manual listing; however, they may be referring to the MIB.	X		
	26. Pages IV-49 and -50. Add AW-820HN-NWS-300 to course C-122/3111.	X		
	27. Page IV-51. Change NA01-AGM84A-2-1 to AW-820HN-MIB-000 to course A-431-0011/0012. Also, delete NA01-AGM84A-0 as this is the technical manual listing; however, they may be referring to the MIB.	X		
	28. Page IV-52. Change NA01-AGM84A-2-1 to AW-820HN-MIB-000 to course 6-31-0001. Also, delete NA01-AGM84A-0 as this is the technical manual listing; however, they may be referring to the MIB.	X		
	29. Page VII-1. Make the necessary corrections to the following Org Codes: "313100D" vice C2631"; "632GT" vice "853GT"; and "3.3.1.1/213A" vice "23-1".	X		
	30. Page VII-1. Add "ext 7306" to telephone number for Mr. P. Lang.	X		

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>VS-41</u>				
1. Add or delete information on courses provided in the attached ten pages; information is summarized below.				
<u>COURSE NUMBER</u>	<u>TITLE</u>			
E-2A-1700 S-3B	Pilot Transition Track Action: Delete; no longer taught by VS-41		X	
E-2D-1700 S-3B	NFO Category 3 Action: Course is now titled S-3B Fleet Replacement NFO Category 3; course length 101 days; Prerequisites: ... 3. S-3A/B NATOPS qualified.		X	
E-2D-1701 S-3B	NFO Transition Track Action: Delete; no longer taught by VS-41.		X	
E-2A-1707 S-3B	Category 3 Pilot Transition Training Action: Course is now titled S-3B Fleet Replacement Pilot Category 3; course length 101 days; Prerequisites: .. 3. S-3A/B NATOPS qualified.		X	
E-2D-1707 S-3B	Fleet Replacement NFO Category 1 Action: Course length is 233 days.		X	
E-2A-1708 S-3B	Fleet Replacement Pilot Category 1 Action: Course length is 233 days.		X	

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>VS-41 (Continued)</u>				
<u>COURSE</u>				
<u>NUMBER</u>	<u>TITLE</u>			
E-2D-1708 S-3B	Fleet Replacement NFO Category 2		X	
Action:	Course length is 146 days.			
E-2A-1709 S-3B	Fleet Replacement Pilot Category 2		X	
Action:	Course length is 146 days.			
E-2A-1721 S-3B	Fleet Replacement Pilot Category 1 Pipeline		X	
Action:	Delete; no longer taught by VS-41.			
E-2D-1722 S-3B	Fleet Replacement NFO Pipeline Category 2		X	
Action:	Delete; no longer taught by VS-41.			
<u>SECTION 2</u>				
E-646-1744	S-3B Armament Systems Organizational Maintenance		X	
Action:	Course is now taught by NAMTRAGRUDET NAS North Island.			

COMMENTS/RECOMMENDATIONS ON THE HARPOON MISSILE PROPOSED NTP (Continued)

ORGANIZATION	COMMENTS	INCORPORATED		REMARKS
		YES	NO	
<u>NAVORDCEN</u>				
	1. Page 3, Table of Contents. Page numbering for Part I and Part VII are not aligned.		X	
	2. Page VII-1, Part VII, Points of Contact. APML is listed as Mr. E. Jackanowski. Mrs. Cynthia Murphy is new APML, telephone 664/(703) 604-3200 ext 665 (ext. 6553).		X	