

NAVY TRAINING SYSTEM PLAN

FOR THE

**AGM-88 HIGH-SPEED ANTI-RADIATION
MISSILE (HARM)**

AND

**ADVANCED ANTI-RADIATION GUIDED MISSILE
(AARGM) SYSTEMS**

N88-NTSP-A-50-8101C/D

JUNE 2002

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

EXECUTIVE SUMMARY

The AGM-88 High-Speed Anti-Radiation Missile (HARM) System was developed in the 1980s as an air-to-ground, medium range missile designed to detect, attack, and suppress enemy radar installations. It was developed for the Navy, Marine Corps, and Air Force with the Navy as the lead service. The AGM-88 HARM System evolved from the AGM-45 Shrike and AGM-78 Standard Arm missiles, incorporating the more desirable features of each while providing additional features and enhanced capabilities. The AGM-88 HARM is in the Operations and Support Phase of the Defense Acquisition System.

The AGM-88 HARM consists of guidance, warhead, control, and rocket motor sections, wings, and fins. The three versions of the AGM-88 HARM being used are the AGM-88A, AGM-88B, and the AGM-88C. All three versions are compatible with Navy and Marine Corps F/A-18 and EA-6B Aircraft and with Air Force F-16 Aircraft. Configurations of the AGM-88 HARM consist of changes in hardware and software referred to as either Block I, II, III, IV, or V. Configurations include: AGM-88A Blocks I and II, AGM-88B Blocks II and III, AGM-88C Block IV, AGM-88B Block IIIA and AGM-88C Block V. Initial Operating Capability was attained in 1983 for the AGM-88A, 1986 for the AGM-88B, and 1994 for the AGM-88C. An AGM-88D Block VI is planned for FY03. Information pertaining to the AGM-88D will be included in future iterations of this NTSP as information becomes available. Refer to the Program Manager, Air 242.

The AGM-88 HARM maintenance concept is based on an overall objective to assure All-Up-Rounds are available to fulfill commitments of operational activities and provide the means to restore unserviceable missiles to serviceable condition with minimal downtime. Maintenance requirements are allocated to the organizational, intermediate, and depot levels of maintenance as defined in the Naval Ordnance Maintenance Management Program (NOMMP), Office of the Chief of Naval Operations Instruction (OPNAVINST) 8000.16 (series). Workload associated with the AGM-88 HARM Missile does not increase existing manning levels.

The HARM training concept is divided into organizational and intermediate level maintenance based on OPNAVINST 8000.16 (series). Operator training is provided to aviators, Weapons System Officers, and Electronic Countermeasures Officers at the appropriate Fleet Readiness Squadron. Platform weapons school organizational level training is provided to maintenance personnel at the appropriate Maintenance Training Unit (MTU) and Strike Fighter Weapons Schools. Intermediate level maintenance personnel are trained at the appropriate MTU.

The Advanced Anti-Radiation Guided Missile (AARGM) AGM-88E is an evolution of the HARM weapons system. Because of continuous modernization of Radio Frequency (RF) air

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

defense systems, steady improvement of counter-Anti Radiation Missile (ARM) techniques and tactics, and budgetary constraints, and incremental ARM upgrade is required. The AARGM AGM-88E program proposes to utilize the technologies demonstrated in the AARGM Advance Technology Demonstration (ATD). The program proposes to update a portion of the AGM-88 HARM inventory to counter systems employing shutdown techniques, and provide HARM with a precision strike capability.

The AARGM ATD is a Phase III Small Business Innovation Research (SBIR) Demonstration Program, which validates dual mode seeker technologies for the Suppression of Enemy Air Defenses (SEAD) and or strike missions. The concept demonstrates a multi-mode guidance to counter threat shutdown with Millimeter Wave (MMW) terminal, passive anti-radiation homing (ARH), and Global Positioning System/Inertial System (GPS/INS) midcourse and guide to targets even in the presence of ARM countermeasures such as shutdown.

AARGM incorporates a new guidance section and a modified control section and uses the current rocket motor, warhead and wings and fins.

AARGM maintenance and training concept will follow that of existing HARM. During System Development and Demonstration (SD&D) the contractor will provide training source data to the government for incorporation into existing HARM training courses. The SD&D (Milestone B) contract award is planned for December 2002.

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

TABLE OF CONTENTS

	Page
Executive Summary.....	i
List of Acronyms.....	iii
Preface.....	vi
 PART I - TECHNICAL PROGRAM DATA	
A. Title-Nomenclature-Program.....	I-1
B. Security Classification.....	I-1
C. Manpower, Personnel, and Training Principals.....	I-1
D. System Description.....	I-2
E. Developmental Test and Operational Test.....	I-2
F. Aircraft and/or Equipment/System/Subsystem Replaced.....	I-2
G. Description of New Development.....	I-3
H. Concepts.....	I-5
1. Operational.....	I-5
2. Maintenance.....	I-5
3. Manning.....	I-6
4. Training.....	I-7
I. On-Board (In-Service) Training.....	I-14
J. Logistics Support.....	I-17
K. Schedules.....	I-18
L. Government Furnished Equipment and Contractor Furnished Equipment Training Requirements.....	I-18
M. Related NTSPs and Other Applicable Documents.....	I-19
 PART II - BILLET AND PERSONNEL REQUIREMENTS.....	
II-1	
 PART III - TRAINING REQUIREMENTS.....	
III-1	
 PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS.....	
IV-1	
 PART V - MPT MILESTONES.....	
V-1	
 PART VI - DECISION ITEMS/ACTION REQUIRED.....	
VI-1	
 PART VII - POINTS OF CONTACT.....	
VII-1	

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

LIST OF ACRONYMS

AARGM	Advanced Anti-Radiation Guided Missile
ARH	Anti-Radiation Homing
ARM	Anti Radiation Missile
AIMD	Aircraft Intermediate Maintenance Department
AFB	Air Force Base
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
ATD	Advance Technology Demonstration
ATIR	Annual Training Input Requirement
AUR	All-Up-Round
CATM	Captive Air Training Missile
CEST	Classroom Explosive Ordnance Disposal System Trainer
CIN	Course Identification Number
CINCLANTFLT	Commander in Chief, Atlantic Fleet
CINCPACFLT	Commander in Chief, Pacific Fleet
CMC	Commandant of the Marine Corps
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
COMNAVAIRESFOR	Commander, Naval Air Reserve Force
CV	Aircraft Carrier
CVN	Aircraft Carrier, Nuclear
CWTPI	Conventional Weapon Technical Proficiency Inspection
DATM	Dummy Air Training Missile
DOP	Designated Overhaul Point
DT	Developmental Test
ECMO	Electronic Countermeasures Officer
EEPROM	Electronically Erasable Program, Read Only Memory
ELCOMWEPSCOL	Electronic Attack Weapons School
EOD	Explosive Ordnance Disposal
FMS	Foreign Military Sales
FRS	Fleet Readiness Squadron
FY	Fiscal Year

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

LIST OF ACRONYMS

GPS/INS	Global Positioning System/Inertial System
HARM	High-Speed Anti-Radiation Missile
ICAP	Improved Capability
ILSP	Integrated Logistics Support Plan
IOC	Initial Operating Capability
LEAD	Letterkenny Army Depot.
LHA	Landing Ship, Helicopter Assault
LHD	Multi-Purpose Amphibious Assault Ship
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Aviation Training Management and Evaluation Program
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MCO	Marine Corps Order
MLAG	Missile Loader Adapter Group
MLV	Memory Loader Verifier
MMW	Millimeter Wave
MOS	Military Occupational Specialty
MSD	Material Support Date
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAMTRA MARUNIT	Naval Air Maintenance Training Marine Unit
NAMTRAU	Naval Air Maintenance Training Unit
NAS	Naval Air Station
NATEC	Naval Air Technical Data and Engineering Service Command
NAVPERSCOM	Navy Personnel Command
NAVSCOLEOD	Naval School, Explosive Ordnance Disposal
NAVSURFWARCEN	Naval Surface Warfare Center
NAVAIRWARCENWPNDIV	Naval Air Warfare Center Weapons Division
NAWMU	Naval Airborne Weapons Maintenance Unit

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

LIST OF ACRONYMS

NEC	Navy Enlisted Classification
NOMMP	Naval Ordnance Maintenance Management Program
NS	Naval Station
NTSP	Navy Training System Plan
NWS	Naval Weapons Station
OLSP	Operational Logistics Support Plan
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Officer
OT	Operational Test
PDA	Principal Development Agency
PEST	Practical Explosives Ordnance Disposal System Trainer
PMA	Program Manager, Air
PQS	Personnel Qualification Standards
PTT	Part Task Trainer
RF	Radio Frequency
RFT	Ready for Training
SAT	Science and Applied Technology, Inc,
SBIR	Small Business Innovation Research
SELRES	Selected Reserve
SFTP	Strike Fighter Training Program
SIST	Serviceable In Service Time
STRKFIGHTWPNSCOL	Strike Fighter Weapons School
TA	Training Agency
TD	Training Device
TM	Technical Manuals
TSA	Training Support Agency
TTE	Technical Training Equipment
USMC	United States Marine Corps
USS	United States Ship
VMAT	Marine Attack Training Squadron

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

LIST OF ACRONYMS

WSO

Weapons System Officer

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

PREFACE

This Draft Navy Training System Plan (NTSP) for the AGM-88 High-Speed Anti-Radiation Missile (HARM) and AGM-88E Advanced Anti-Radiation Guided Missile (AARGM) Systems was prepared as part of the regular NTSP update process within the guidelines set forth in Office of the Chief of Naval Operations Instruction (OPNAVINST) 1500.76. This NTSP reflects the changes that have occurred since the Approved AGM-88 HARM Missile System NTSP, A-50-8101B/A, dated September 1999. The major changes and updates in this NTSP consist of:

- PART I** Shows deletion of outdated information; include AGM-88E AARGM System; incorporation of changes to formal training; updated Training Device allocation listings.
- PART II** Recalculated to depict current billet requirements of fleet support units through Fiscal Year (FY) 06.
- PART III** In addition to reflecting the changes mentioned above, this part has been recalculated to depict chargeable student billets through FY06.
- PART IV** Reflects the changes in training and training logistics support requirements.
- PART V** Updated to include the major milestones.
- PART VI** Updated to the NTSP format and to include new/open action items.
- PART VII** Updated to reflect current Points of Contact.

PART I - TECHNICAL PROGRAM DATA

A. TITLE-NOMENCLATURE-PROGRAM

1. Title-Nomenclature-Acronym. AGM-88 High-Speed Anti-Radiation Missile (HARM) and AGM-88E AARGM Systems.

2. Program Element. 0205601N

B. SECURITY CLASSIFICATION

- 1. System Characteristics** Confidential
- 2. Capabilities** Secret
- 3. Functions**..... Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

- OPNAV Principal Official (OPO) Program Sponsor..... CNO (N780D)
- OPO Resource Sponsor CNO (N780D5)
- Marine Corps Program Sponsor..... CMC (ASL-30)
- Developing Agency NAVAIRSYSCOM (PMA242)
- Training AgencyCINCLANTFLT (N-721)
CINCPACFLT (N-73)
CNET (ETE-32)
COMNAVAIRESFOR
MCCDC (C462)
- Training Support Agency NAVAIRSYSCOM (PMA205)
COMNAVAIRESFOR
- Manpower and Personnel Mission Sponsor CNO (N12)
NAVPERSCOM (PERS-4B, PERS-404)
CMC (ASM-51)
- Director of Naval Training CNO (N7)
- Manpower Structure ManagementMCCDC (ASM-1)

D. SYSTEM DESCRIPTION

1. Operational Uses. The AGM-88 HARM System, referred to in this document as the AGM-88A, AGM-88B, or AGM-88C when describing each specific configuration, or the HARM when referring to all configurations, was developed as an air-to-ground missile used to suppress or destroy enemy land or sea-based radar emitters. It is intended for use against radar-guided Surface-to-Air Missile systems, Anti-Aircraft Artillery systems, and other land and sea-based electromagnetic emitters. The HARM has a broadband capability that enables a single missile to engage any anticipated air defense or associated surface radar. It is currently carried on Navy and Marine Corps F/A-18 and EA-6B Aircraft. The Air Force employs the HARM on F-16 Aircraft.

The AGM-88E AARGM is an air-to-ground anti-radiation weapon deployed on tactical aircraft for the Joint- Suppression of Enemy Air Defenses (J-SEAD). AARGM will employ multi-mode guidance to counter threat shutdown with Millimeter Wave (MMW) terminal, passive Anti-Radiation Homing (ARH), and Global Positioning System/Inertial System (GPS/INS) midcourse and guide to targets even in the presence of Anti Radiation Missile (ARM) countermeasures such as shutdown. During SD&D the threshold aircraft is the F/A-18C/D. The AARGM Operational Requirements Document identifies objective aircrafts to carry AARGM.

2. Foreign Military Sales. The HARM has been sold to the Federal Republic of Germany, Italy, Spain, Hellenic Air Force (Greece), Turkey, and South Korea. For more information on Foreign Military Sales (FMS) refer to Program Manager, Air (PMA) 242.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST

- Navy AGM-88A Developmental Test (DT) was completed in October 1980, and Operational Test (OT) was completed in November 1982.
- AGM-88B Block II DT was completed in August 1986 and Follow-on Test and Evaluation was completed in August 1987.
- AGM-88B Block III DT and OT were completed in December 1989.
- AGM-88C Block IV DT was completed in October 1991, and OT was completed in December 1992.
- AGM-88B Block IIIA and AGM-88C Block V DTs were completed in November 1998 and OT was completed in May 1999.
- AGM-88E AARGM Developmental Test (DT) is planned to be conducted October 2005 and Operational Test (OT) is planned to be conducted July 2006.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. Not Applicable (NA)

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The HARM is a rail-launched, supersonic, passive homing, air-to-surface missile capable of detecting, acquiring, and destroying hostile Radio Frequency (RF) emitters. Elements of the HARM System include the missile, launch aircraft and associated avionics systems, and launcher. The HARM receives target parameters from the launch aircraft prior to launch. The HARM uses these parameters and relevant attitude data to process incoming RF energy to acquire and guide the HARM to the desired target. Additional unique features include the high speed, low smoke, rocket motor and seeker sensitivity that enable the missile to easily attack sidelobes and backlobes of an emitter. The following provides functional descriptions for each section of the HARM and significant enhancements.

a. Guidance Section. Several modifications have been made to the HARM Guidance section through hardware modifications and software upgrades.

(1) Hardware Configurations. The AGM-88A was the first version of the missile to be produced. It incorporated a fuzible-link memory that required the guidance section to be returned to the manufacturer to change the tactical software. The AGM-88B was developed in 1980 and incorporated an Electronically Erasable Program, Read Only Memory (EEPROM) that allowed changing the missile software in the field. The AGM-88C is the latest fielded version and incorporates several new design features and is also reprogrammable in the field. The AGM-88E guidance section, identified as WGU-48/B, incorporates millimeter wave (MMV) terminal, passive anti-radiation homing (ARH), and Global Positioning System/Inertial System (GPS/INS).

(2) Software Versions. Block I software was the original tactical software used with the AGM-88A. Block II software provided guidance and fuzing improvements and was used in both the AGM-88A and AGM-88B. In 1990, Block III software was installed in the AGM-88B to counter the capabilities of the advanced threats. All AGM-88C contained Block IV software, which is currently the latest version.

b. Warhead Section. The warhead section is designed to inflict sufficient damage on the target antenna and waveguide system to force an inoperative condition. It also ensures complete destruction of the HARM guidance section. The AGM-88A and AGM-88B warhead section (WAU-7/B) contains 25,000 pre-formed steel fragments, an explosive charge, a fuze, and a fuze booster. The AGM-88C utilizes an improved warhead section (WAU-27/B) containing 12,845 tungsten fragments and an improved explosive charge that provides greater overall lethality. The AGM-88E AARGM is currently planned to use the WAU-7/B warhead.

c. Control Section. The control section of the HARM is located aft of the warhead section. The control section contains wing actuators to steer the missile on a desired trajectory, missile captive and free flight electrical power supply equipment, attitude reference equipment, and the target detection device. An umbilical connector mounted on top of the control section provides electrical interface between the launch aircraft and the missile. The

control sections used for the AGM-88A, AGM-88B, and AGM-88C variants are essentially the same and can be used by any variant. AARGM will still use the existing umbilical connector and the control section will still perform the same functions as the AGM-88A, AGM-88B, and AGM-88C variants.

d. Rocket Motor Section. Thrust for the HARM/AARGM is developed by a dual thrust rocket motor utilizing a low smoke propellant. The rocket motor section contains a manually operated safety-arming device, igniter, propellant grain, and a fixed nozzle. External components on the rocket motor section consist of fittings for the fins, launch lugs, and a detent rib.

e. Wings. The wings direct the course of the HARM/AARGM in flight by internally controlled actuators within the control section. Four wings are required per missile.

f. Fins. The BSU-60/B and BSU-60A/B fins are identical type fins except for a redesigned locking mechanism. They are interchangeable as sets. The fins provide aerodynamic stability of the HARM/AARGM during flight.

2. Physical Description. The dimensions and weight of the HARM/AARGM are as follows:

Length	164 inches
Diameter	10 inches
Wing span	44 inches
Fin span	24 inches
Weight	810 pounds

3. New Development. The HARM was introduced as new production. The HARM is in the Operations and Support phase of the Defense Acquisition System. The AGM-88A was introduced to the fleet and achieved Initial Operating Capability (IOC) in FY83. The AGM-88B was introduced to the fleet and achieved IOC in FY86. The AGM-88C was introduced into the fleet and achieved IOC FY94. The AARGM incorporates a new guidance section and a modified control section from an existing HARM and will use the existing rocket motor, warhead and wings and fins. AARGM SD&D (Milestone B) contract award is planned for December 2002. AGM-88E Initial Operating Capability (IOC) is planned for 2008. The AARGM program is scheduled for a Milestone B contract award in December 2002 and achieved IOC in 2008.

4. Significant Interfaces

a. Avionics. The HARM interfaces with the CP-1001C Command Launch Computer on the F/A-18 aircraft and the HARM Control Panel on the EA-6B aircraft.

b. Launcher. The LAU-118(V)2A launcher provides the launch platform for the HARM/AARGM. The launcher provides the electrical and mechanical link between the aircraft pylon and the missile.

H. CONCEPTS

1. Operational Concept. The HARM/AARGM is employed in air-to-surface combat missions by the aircrew.

2. Maintenance Concept. Maintenance of the HARM/AARGM employed on the F/A-18 and EA-6B aircraft is accomplished using the basic maintenance philosophy outlined in OPNAVINST 4790.2 (series), and specific weapons maintenance instructions outlined in OPNAVINST 8000.16 (series).

a. Organizational. Organizational level maintenance units receive the HARM/AARGM as an All-Up-Round (AUR). Organizational level maintenance is performed in Work Center 230, which is manned by Navy Aviation Ordnanceman (AO) with Navy Enlisted Classifications (NEC) 8332 (EA-6B), 8342 (F/A-18), 8842 (F/A-18), or Marine Corps Aviation Ordnance Technician, Military Occupational Specialty (MOS) 6531 (EA-6B and F/A-18). Organizational level maintenance tasks include:

- Aircraft and weapon system inspections
- Aircraft and weapon system release and control system checks
- Weapon uploading and downloading
- Installing and removing wings and fins
- Weapon arming and dearming
- On-aircraft weapon test
- Discrepancy reporting
- Complying with Technical Directives
- Record keeping and reporting

b. Intermediate. Intermediate Maintenance Activity Weapons Departments (shipboard, Naval Air Stations (NAS), and Marine Aviation Logistics Squadrons (MALS)) receive AURs from the Naval Weapons Station (NWS), Letterkenny Army Depot, or Naval Airborne Weapons Maintenance Unit (NAWMU) and launchers from the supply system or Aircraft Intermediate Maintenance Department (AIMD). HARM/AARGM Missile maintenance is performed by Weapons Department Navy AOs with NEC 6801 and Marines with MOS 6541. AIMD Work Center 710 Navy AOs with NECs 6802 and 6803 and Marines with MOS 6541 functionally test the launchers. Weapons Department intermediate level maintenance tasks include:

- Visual inspection for damage and corrosion
- Performing corrosion control
- De-canning and canning of the AUR
- Ready service inspection
- Record keeping and reporting
- Preparing the AUR for shipping or storage

- Installing and removing the LAU-118(V)2A Launcher
- Technical Directive implementation
- Delivering the missile to the organizational activity

c. **Depot.** OPNAVINST 8000.16 (series) divides depot level into two sub-levels of maintenance: Organic and Designated Overhaul Point (DOP).

(1) **Letterkenny Army Depot.** Letterkenny Army Depot is the depot level AUR maintenance activity for the HARM/AARGM. NWSs also serve as the DOPs for containers, wings, and fins. LEAD maintenance tasks include:

- Visual inspection for damage and corrosion
- Fault isolation by AUR test to faulty section
- Repair by replacement of failed sections and external components
- Performing corrosion control
- Containerizing the AUR for storage or loadout
- Technical Directive implementation
- Software loading
- Recertification of the AUR by retest
- Record keeping and reporting
- Minor container repair

(2) **Designated Overhaul Point.** The DOP is responsible for maintenance beyond the capabilities of LEAD (depot level AUR) activities, including major overhaul or complete rebuild of sections or subassemblies required to restore defective sections and repairable Shop Replaceable Assemblies to original acceptance standards. Depot level maintenance is performed on sections, assemblies, and subassemblies. Serviceable sections and components repaired by the DOP are returned to the Letterkenny Army Depot. The DOP for rocket motors is Naval Surface Warfare Center (NAVSURFWARCEN) Indian Head, Maryland. Raytheon Corporation (formerly Texas Instruments Defense Systems and Electronics) Tucson, Arizona, is serving as the DOP for the HARM guidance and control sections and Peculiar Support Equipment. Science and Applied Technology, Inc. (SAT, Inc.) Woodland Hills, California, will serve as the DOP for AARGM guidance and control sections.

d. **Interim Maintenance.** NA

e. **Life-Cycle Maintenance Plan.** The HARM has an indefinite Serviceable In Service Time (SIST). Due to the inherent high reliability and indefinite SIST of the HARM, it is anticipated that AUR maintenance requirements will not be required until after FY06. The AARGM, will have a five year SIST because of the new guidance section.

3. **Manning Concept.** The HARM/AARGM has/will have no impact on existing manpower requirements at organizational, intermediate, or depot level activities. Pilot, Weapons System Officer (WSO), and Electronic Countermeasures Officer (ECMO) manpower is driven by

seat factor and crew ratio. Enlisted manning for Navy and Marine Corps fleet squadrons, Fleet Readiness Squadrons (FRS), and intermediate maintenance activities is based on the total assigned workload, not only on specific HARM requirements. Skills required to support the HARM are considered to be within the capability of existing NECs and MOSs. Refer to Part II for existing Navy and Marine Corps intermediate maintenance manpower requirements.

4. Training Concept. The HARM training concept is divided into organizational and intermediate levels. Organizational level training is provided to aircrew and maintenance personnel. Operator training is provided for aviators, WSOs, and ECMOs at the appropriate FRS and Platform Weapons Schools. Organizational level maintenance training is provided to AO personnel in the EA-6B community with NEC 8332 and MOS 6531; in the FA-18 community with NECs 8342 and 8842 and MOS 6531 at the appropriate Maintenance Training Units (MTU). Intermediate level training is provided to Navy maintenance personnel with NEC 6801 and Marine Corps personnel with MOS 6541 at the appropriate MTU. AARGM training concept will follow that of HARM.

The established training concept for most aviation maintenance training divides “A” School courses into two or more segments called Core and Strand. The “C” School courses are also divided into separate Initial and Career training courses. “A” School Core courses include general knowledge and skills training for the particular rating, while “A” School Strand courses focus on the more specialized training requirements for that rating and a specific aircraft or equipment, based on the student’s fleet activity destination. Strand training immediately follows Core training and is part of the “A” School. Upon completion of Core and Strand “A” School, graduates attend the appropriate Initial “C” School for additional specific training. Initial “C” School training is intended for students with a paygrade of E-4 and below. Career “C” School training is provided for E-5 and above personnel to enhance skills and knowledge within their field.

Selected Reserve (SELRES) training is conducted by the Naval Air Reserve at each squadron site per current Commander, Naval Air Reserve Force (COMNAVAIRESFOR) instructions. The training is segmented and tailored for use by SELRES personnel during weekend drill periods and two-week active duty periods. If SELRES personnel and training quotas are available, COMNAVAIRESFOR must coordinate with appropriate quota controls to get training quotas at the FRSs.

a. Initial Training. Initial training for HARM has been completed.

AARGM, The contractor will provide initial training to NAWCWD personnel. NAWCWD personnel will then become the Subject Matter Experts for the Navy and will provide all further initial training to support AARGM. Course length has not been determined.

NAWCWD will provide initial AARGM training six months prior to the start of follow-on training. Course length has not been determined. After receiving initial training Naval Air Maintenance Training Unit (NAMTRAU), Strike Fighter Weapons School

(STRKFIGHTWPNSCOL) Atlantic and Pacific, Air Weapons Training Unit (AWTU), Marine Aviation Weapons and Tactics Squadron 1, and AO A1 school instructors will incorporate AARGM information into existing O-Level maintenance and ordnance handling courses.

b. Follow-on Training. Follow-on training for the HARM is available as part of courses taught at FRSs, MTUs, NAMTRA MARUNIT facilities, Electronic Attack Weapons School (ELCOMWEPSCOL), Marine Aviation Weapons Tactics, School-One, and STRKFIGHTWPNSCOLs. The HARM causes no change in student throughput or chargeable student billets. Follow-on training courses have all been modified to include the HARM and are currently on-line.

(1) Operator. Aviators, WSOs, and ECMOs get basic training at the appropriate FRS for specific aircraft operation. Operator skills in tactics and ordnance delivery are taught at the STRKFIGHTWPNSCOLs, ELCOMWEPSCOL, HARM University, and through Aviator and Squadron proficiency training. The Strike Fighter Training Program (SFTP) is a new strategy designed to support fleet aircrew training requirements. The SFTP consists of the Strike Fighter Weapons and Tactics syllabus, Strike Fighter Tactics Instructor, and Strike Fighter Training System. The SFTP is used to accomplish the following:

- Organize existing training efforts
- Target training efforts toward a standardized set of Strike Fighter learning objectives
- Develop appropriate high quality, standardized training media
- Distribute the training media throughout the community for presentation

The EA-6B community has recently initiated a similar training called Prowler Tactics Instructor.

Training Devices (TD) required for follow-on and proficiency operator training include the Part Task Trainer (PTT) and the Captive Air Training Missile (CATM).

- **Part Task Trainer.** The PTT is a computer-based system developed by the Naval Air Warfare Center Weapons Division (NAVAIRWARCENWPNDIV) China Lake for use by F/A-18 aviators. The PTT provides missile and operational procedure familiarization as well as proficiency training in launch and control techniques.
- **Captive Air Training Missile.** The CATM-88A/B/C are now in fleet use and are physically identical to the AGM-88A/B/C tactical missiles except for the warhead and rocket motor which are both inert. These training missiles are used to train aircrews in recognition and acquisition of targets. Currently PMA-205 is conducting an analysis to assist in determining CATM quantity requirements to support AARGM training. It is anticipated that the AARGM CATM-88E is to be introduced to the fleet in FY09. The

AARGM CATM will be physically identical to the AGM-88E tactical missiles except for an inert warhead and rocket motor.

The following table lists the applicable operator training courses. The HARM/source material has been incorporated in these courses with minimal impact. The HARM causes no change in student throughput or chargeable student billets and therefore, these courses will not appear in Parts II and III. Once the government receives AARGM source data from the contractor during it will be incorporated into the existing courses, and should cause no change in student throughput or chargeable student billets.

COURSE NUMBER	COURSE TITLE	RFT DATE INCLUDING HARM
E-2A-1815	EA-6B Improved Capability (ICAP) II Fleet Replacement Pilot Category 1	On-line
E-2A-1816	EA-6B ICAP II Fleet Replacement Pilot Category 2	On-line
E-2A-1817	EA-6B ICAP II Fleet Replacement Pilot Category 3	On-line
E-2A-1818	EA-6B ICAP II Fleet Replacement Pilot Category 4	On-line
E-2A-1819	Medium Attack Strike Training	On-line
E-2D-1817	EA-6B ICAP II Fleet Replacement ECMO Category 1	On-line
E-2D-1818	EA-6B ICAP II Fleet Replacement ECMO Category 2	On-line
E-2D-1819	EA-6B ICAP II Fleet Replacement ECMO Category 3	On-line
E-2D-1820	EA-6B ICAP II Fleet Replacement ECMO Category 4	On-line
D/E-2A-0601	F/A-18 Fleet Replacement Pilot Category 1	On-line
D/E-2A-0602	F/A-18 Fleet Replacement Pilot Category 2A	On-line
D/E-2A-0604	F/A-18 Fleet Replacement Pilot Category 3A	On-line
D/E-2A-0606	F/A-18 Fleet Replacement Pilot Category 4	On-line
E-2D-181X	F/A-18F Combat Capable Weapons Sensor Officer Training 1	On-line
E-2D-182X	F/A-18F Combat Capable Weapons Sensor Officer Training 2	On-line
E-2D-183X	F/A-18F Combat Capable Weapons Sensor Officer Training 3	On-line

COURSE NUMBER	COURSE TITLE	RFT DATE INCLUDING HARM
E-2D-184X	F/A-18F Combat Capable Weapons Sensor Officer Training 4	On-line
E/2A-061X	F/A-18E/F Fleet Replacement Pilot Category 1	Online
E/2A-062X	F/A-18E/F Fleet Replacement Pilot Category 2	Online
E/2A-063X	F/A-18E/F Fleet Replacement Pilot Category 3	Online
E/2A-064X	F/A-18E/F Fleet Replacement Pilot Category 4	Online
None (USMC)	F/A-18 Fleet Replacement Pilot Category 1	On-line
None (USMC)	F/A-18 Fleet Replacement Pilot Category 2	On-line
None (USMC)	F/A-18 Fleet Replacement Pilot Category 3	On-line
None (USMC)	F/A-18 Fleet Replacement Pilot Category 4	On-line
None (USMC)	F/A-18 (WSO) Category 1	On-line
None (USMC)	F/A-18 (WSO) Category 2	On-line
None (USMC)	F/A-18 (WSO) Category 3	On-line
None (USMC)	F/A-18 (WSO) Category 4	On-line

(2) Organizational Maintenance. Organizational level maintenance personnel are trained at the appropriate MTU or NAMTRA MARUNIT for specific aircraft maintenance. Weapon loading skills are further enhanced at ELCOMWEPCOL, SRKFIGHTWPNSCOL, and through onboard proficiency training. TDs required for follow-on and proficiency training include the CATM and the Dummy Air Training Missile (DATM).

- **Dummy Air Training Missile.** The DATM is a mechanical model of the HARM and is capable of simulating ground and shipboard handling procedures for the purpose of load crew training. The control section and guidance section are externally the same as the tactical missile but are ballast weighted. The warhead and rocket motor are identical to the warhead and rocket motor used in the CATM except for a color band. The design includes the capability to remove and replace wings and fins, to connect and disconnect the umbilical cable, and to simulate rocket motor arming and dearming. The DATM is not certified for flight. The HARM DATM will be utilized to support AARGM load training.
- **Dummy Guidance Section.** The dummy guidance section (WGU-2(D-2)/A) provides a non-functioning guidance section with the same shape, weight, and center of gravity as the WGU-2/B. It is used with the DATM.

- **Dummy Control Section.** The dummy control section (WCU-2(D-2)/A) provides a non-functioning control section with the same shape, weight, and center of gravity as the WCU-2/B. It is used with the DATM. It also has an umbilical cable and training target detector.

The HARM is taught in “A” school and in the following organizational level maintenance training courses. HARM source material has been incorporated in these courses with minimal impact. The HARM causes no change in student throughput or chargeable student billets and, therefore, these courses will not appear in Parts II and III. Source data generated from the contractor during SD&D will be incorporated into the existing courses, and will cause no change in student throughput or chargeable student billets.

COURSE NUMBER	COURSE TITLE	TRACK NUMBER	RFT DATE INCLUDING HARM
C-646-9741	EA-6B Armament Systems Organizational Maintenance	D/E-646-1840	On-line
E-646-1842	EA-6B HARM Loading		On-line
C-646-9973	F/A-18 Stores Management System (Initial) Organizational Maintenance	D/E-646-0653 D/E-646-0654	On-line
D/E-646-0640	F/A-18 Conventional Weapons Loading	D/E-646-0641 D/E 646-0653 D/E 646-0654	On-line
C-646-9974	F/A-18 Stores Management System Organizational Maintenance (Career)	D/E-646-0641	On-line
C-646-9976	F/A-18E/F Armament Systems Organizational Maintenance (Initial)	D/E-646-0642	On-line
C-646-9975	F/A-18E/F Armament Systems Organizational Maintenance (Career)	D/E-646-0644	On-line
D/E-646-0647	F/A-18 Conventional Release System Test	D/E-646-0653	On-line

(3) Intermediate Maintenance. Intermediate maintenance training is available for Navy and Marine Corps Aviation Ordnance personnel through the appropriate MTU or NAMTRA MARUNIT. The TD required for intermediate maintenance training is the DATM.

Refer to element IV.A.2 for detailed information. The following courses have been updated to include HARM data:

Title	Air Launched Guided Missiles Intermediate Maintenance
CIN	C-122-3111 (part of D/E-646-7007)
Model Manager...	MTU 4030 NAMTRAU Norfolk, Virginia
Description	This course will give Aviation Ordnancemen sufficient knowledge/theory of the Sparrow, Sidewinder, Phoenix, Sidarm, Shrike, Maverick, Harpoon, SLAM, HARM, Walleye, TALD, and Air Nitrogen Purifier Units to include: <ul style="list-style-type: none"> • Basic Theory and Maintenance • Safety Precautions • Technical Publications • Missile Reporting Procedures • Container Inspection • Weapons Breakout/Inspection <p>Upon completion the student will be able to perform, under close supervision in the CV/CVN, LPA/LHA, and NAS working environment.</p>
Locations	MTU 4030 NAMTRAGRU DET, Mayport MTU 4032 NAMTRAU, Norfolk MTU 4033 NAMTRAU, North Island MTU 4035 NAMTRAU, Whidbey Island, Washington
Length	Course 12 days, Track 43 days
RFT date	Currently available
Skill identifier	AO 6801 awarded upon completion of track D/E-646-7007
TTE/TD	M-34 DATM
Prerequisites	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Navy difference Training
Title	Aviation Ordnance Intermediate Maintenance Technician
CIN	C-646-3105 (part of M-646-7026)
Model Manager ..	Marine Attack Training Squadron (VMAT) -203 NAMTRA MARUNIT, Marine Corps Air Station (MCAS) Cherry Point

Description	This course provides USMC ordnance personnel with knowledge required to work on ordnance/armament equipment to include: <ul style="list-style-type: none"> • Basic theory • Safety precautions • Technical publications • Missile/launcher reporting procedures Upon completion, the student will have sufficient knowledge/theory to be able to perform in the MALS environment under close supervision.
Location	NAMTRA, MARUNIT, MCAS Cherry Point
Length	Course 73 days, Track 87 days
RFT date	Currently available
Skill identifier	MOS 6541 awarded upon completion of track M-646-7026
TTE/TD	M-34 DATM
Prerequisites	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Navy difference Training

(4) Explosive Ordnance Disposal Training. Explosive Ordnance Disposal Training is conducted at the Naval Explosive Ordnance Disposal School, Eglin Air Force Base (AFB), Florida. The TDs required for Explosive Ordnance Disposal (EOD) training are the Practical Explosive Ordnance Disposal System Trainer (PEST) and the Classroom Explosive System Trainer (CEST): At this time there is no requirements for a AARGM PEST or CEST to support EOD requirements. AARGM is using the existing HARM warhead and rocket motor. The Control section will have a new battery but EOD training can be accomplish from source data.

- **Practical Explosive Ordnance Disposal System Trainer.** The PEST is a full-scale model fabricated from actual hardware, having approximately the same weight and center of gravity as the tactical missile. The PEST is used for teaching Rendering Safe Procedure.
- **Classroom Explosive System Trainer.** The CEST is an inert cutaway model displaying locations and types of explosive and hazardous materials, initiators, igniters, and fuze.

The following table lists the applicable EOD training courses. The HARM Missile System source material will be incorporated in these courses with minimal impact. This will cause no change in student throughput or chargeable student billets

EXPLOSIVE ORDNANCE DISPOSAL COURSES		
COURSE NUMBER	COURSE TITLE	RFT DATE
A-431-0011	Explosive Ordnance Disposal (EOD) Phase II (Navy)	On-line
A-431-0012	Explosive Ordnance Disposal (EOD) Phase II	On-line
G-431-0001	EOD Pre-deployment Team Training	On-line

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AO 6801	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Navy difference Training
MOS 6541	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Navy difference Training

d. Training Pipelines. The following training tracks apply and are available in the OPNAV Training Management System:

TRACK NUMBER	TRACK TITLE
D/E-646-7007	General Shipboard/NAS Weapons Department Aviation Ordnance Maintenance
M-646-7026	Aviation Ordnance Technician Intermediate Maintenance

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development. Aviator, ECMO, and WSO weapons proficiency training is accomplished in three steps: Academic, Simulator, and Captive Carry:

- **Academic.** Selected squadron aircrewmen receive in-depth classroom weapon training from an appropriate source (contractor, weapons school, etc.) to become the squadron subject matter expert on the HARM. HARM University conducted at the HARM Program Office at NAVAIRWARCENWPNDIV China Lake is designed as the prime

subject matter course for aircrew. Engineers, Integration Experts, and STRKFIGHTPNSCOL instructors provide classroom training. Aircrew personnel then receive academic training within their squadron from the HARM subject matter expert. As an option to this step, all squadron aircrew personnel would attend an academic class held at the appropriate weapons school. AARGM training requirements will be incorporated into HARM University.

- **Simulator.** The appropriate weapons tactical trainer is set up by the squadron Weapons School for aircrew personnel to gain required proficiency prior to captive carry of the HARM.
- **Captive Carry.** The CATM is loaded on an aircraft at which time aircrew personnel gain proficiency and final qualification on the HARM.

a. Maintenance Training Improvement Program. Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace Maintenance Training Improvement Program (MTIP). AMTCS is scheduled to begin full implementation for fleet deployment in Fiscal Year (FY) 02.

b. Aviation Maintenance Training Continuum System. AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS concepts will provide an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. Where appropriate, capitalizing on technological advances and integrating systems and processes can provide the right amount of training at the right time, thus meeting the CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction (IMI) for the technicians in the Fleet in the form of Interactive Courseware (ICW) with Computer Managed Instruction (CMI) and Computer Aided Instruction (CAI) for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module, which provides testing [Test and Evaluation], recording [Electronic Certification Qualification Records], and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List data bank. These tools are procured and fielded with appropriate Commercial-Off-The-Shelf (COTS) hardware and software, i.e., Fleet Training Devices - Laptops, PCs, Electronic Classrooms, Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N789H), AMTCS concepts are to be implemented and the new tools integrated into the daily training environment of all participating

aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

2. Personnel Qualification Standards. OPNAVINST 8023.2 (series) outlines requirements for Personnel Qualification Standard (PQS), NAVEDTRA 43202 series. This PQS is required by all personnel who handle Non-nuclear Explosive Ordnance Shipboard Handling and Stowage.

3. Other Onboard or In-service Training Packages. Marine Corps onboard training is based on the current series of Marine Corps Order (MCO) P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 (series), maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be addressed with refresher training.

The Conventional Weapon Technical Proficiency Inspection (CWTPI) is a graded inspection administered by either STRKFIGHTWPNSCOL NAS Lemoore, California, or NAS Cecil Field, Florida, for the F/A-18 Aircraft and ELCOMWEPSCOL, NAS Whidbey Island, Washington, for the EA-6B. The CWTPI covers all areas of conventional weapon load and release, and control systems checks. The inspection evaluates the squadron's ability to correctly wire-check, upload and download conventional ordnance, use applicable publications, and place ordnance on its designated target. The squadron inspection is conducted annually, six months prior to deployment, or at the request of the squadron's Commanding Officer. All personnel directly involved in the inspection, including squadron aviators, require a written examination. A 72-hour time limit is granted for the completion of the entire evolution. The final grade is an average score derived from the written exams, ordnance loads, wire-checks, and the aviator's proficiency to deliver weapons on target. Pre-inspection training is provided by the appropriate STRKFIGHTWPNSCOL for the F/A-18 and ELCOMWEPSCOL for the EA-6B, followed by the CWTPI. The CWTPI determines the need for further conventional weapons load training of squadron AO and Aviation Electronics Technician personnel.

Headquarters, Marine Corps, schedules the USMC activities yearly for Marine Corps Combat Readiness Evaluation. Marine Corps activities participate in war exercises and are evaluated. Training is an on-going Marine Corps evolution that culminates with the Combat Readiness Evaluation. The evaluation determines the need for further conventional weapons load training of squadron personnel.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00019-97-D-0124	Raytheon Corporation	Tucson, Arizona
TBD	Science and Applied Technology, Inc, (SAT, Inc)	Woodland Hills, California

2. Program Documentation. The latest version of the Operational Logistic Support Plan (OLSP) is AIR-418 MS-068, Change 11, July 1994. This document has been replaced by the approved HARM Integrated Logistics Support Plan (ILSP) dated October 1998. The AARGM Acquisition Logistics Support Plan (ALSP) is in development and anticipates being approved in August 2002

3. Technical Data Plan. Raytheon Corporation, the HARM production contractor, will provide peculiar technical manual source data to the Naval Air Technical Data and Engineering Service Command (NATEC), which will promulgate changes to existing HARM manuals. AARGM source data for TMs will be generated by the SAT. Once the government receives Technical Manuals (TM) source data it will be incorporated into the existing HARM TMs.

4. Test Sets, Tools, and Test Equipment. Test sets, tools, and test equipment for organizational level maintenance consist of common tools and test equipment. The following test equipment is utilized at the intermediate and depot level maintenance activities:

NOMENCLATURE	MODEL	USE
Missile Test Set	AN/DSM-160B	Tests AURs and fault isolates to individual missile sections.
Simulator Group Calibration Set	AN/DSM-158A	Performs all RF calibration required to support the missile test set.
Calibration Test Set	AN/DSM-161B	Calibrates the missile test set.
Guided Missile Test Set	AN/GSM-396	Tests AURs, fault isolates to individual missile sections, and reprograms.
Memory Loader Verifier (MLV)	AN/DSM-607(V)7	Reprograms the missile software.

NOMENCLATURE	MODEL	USE
Missile Loader Adapter Group (MLAG)	OF195/ASM-607(V)	Interfaces between the MLV and the missile.

5. Repair Parts. The Material Support Date (MSD) for the HARM was October 1983. Repair parts are available through the Navy supply system. Normal replenishment procedures based upon demand and usage are used to maintain stock levels of spares, repair parts, and consumables. MSD for the AARGM has not been established at this time.

6. Human Systems Integration. NA

K. SCHEDULES

1. Schedule of Events

a. Installation and Delivery Schedules. The HARM inventories and planned delivery schedules contained in the Weapon System Planning Document are classified.

b. Ready For Operational Use Schedule. The HARM is currently ready for operational use.

c. Time Required to Install at Operational Sites. The HARM and AARGM is and will be delivered to the fleet as an AUR and requires no time to install.

d. Foreign Military Sales and Other Source Delivery Schedule. The HARM has been sold to the Federal Republic of Germany, Italy, Spain, Turkey, Greece, and South Korea. For more information on FMS contact PMA242.

e. Training Device and Delivery Schedule. Training Missiles are available for captive training and load drill training. DATMs were produced and delivered from 1983 through 1986. Current asset status and location can be obtained from the Conventional Ammunition Integrated Management System (CAIMS). It is anticipated that the AARGM CATM-88E is to be introduced to the fleet in FY 09. AARGM plans on using the existing HARM DATM to support load training.

L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
EA-6B ICAP II NTSP	A-50-7904C	PMA234	Approved Dec 96
F/A-18 Weapon System NTSP	A-50-7703G/A	PMA265	Approved Nov 97
OLSP Change 11	MS-068	AIR-418	Approved Jul 94
ILSP	MS-053	PMA242	Approved Oct 98
HARM Tactical Manual	TM-7912	PMA242	Approved Jun 96
ALSP (AARGM)	TBD	PMA242	TBD

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the AGM-88 and therefore are not included in Part II of this NTSP:

II.B. Personnel Requirements

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

NOTE 1: This section of the AGM-88 missile NTSP reflects maintenance billet and personnel requirements for the AGM-88. It is a compilation of NEC 6801 MOS 6541. The addition of the AGM-88 to the organizational and intermediate level workloads is only a small percentage of the required workload for those NECs and MOS. The NECs and MOS are not dedicated to the AGM-88 and, therefore, the overall training throughput for the NEC and MOS will remain the same, i.e., account for the total NEC/MOS community, and not just activities receiving AGM-88.

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN: Total Force Manpower Management System, TFMMS **DATE:** 2/1/02
 USMC: Extracted from Table of Manpower Requirements, TFS MCCDC **DATE:** 2/1/02

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
OPERATIONAL ACTIVITIES - USMC							
HMH 772 CH-53E	09490	1	0	0	0	0	0
HMH CH-53E (East Coast)	00000	2	0	0	0	0	0
HMLA 773	09431	1	0	0	0	0	0
HMLA 773 DET	00000	1	0	0	0	0	0
HMLA 775 DET A	09415	1	0	0	0	0	0
HMLA AH-1/9 UH-1 (East Coast)	00000	2	0	0	0	0	0
HMM 774 CH-46	09430	1	0	0	0	0	0
HMM CH-46E (East Coast)	00000	5	0	0	0	0	0
VMA AV-8B (East Coast)	00000	3	0	0	0	0	0
VMAQ EA-6B (East Coast)	00000	4	0	0	0	0	0
VMFA 321	67235	1	0	0	0	0	0
VMFA F/A 18 (East Coast)	00000	4	0	0	0	0	0
VMFA(AW) F/A 18 (East Coast)	00000	3	0	0	0	0	0
VMFA-142	67243	1	0	0	0	0	0
VMM MV-22A	00000	1	0	0	0	0	0
HMH 769 CH-53E	09487	1	0	0	0	0	0
HMH CH-53D (West Coast)	00000	3	0	0	0	0	0
HMH CH-53E (West Coast)	00000	4	0	0	0	0	0
HMLA 775	55257	1	0	0	0	0	0
HMLA AH-1/9 UH-1 (West Coast)	00000	4	0	0	0	0	0
HMM 764 CH-46	09402	1	0	0	0	0	0
HMM CH-46E (West Coast)	00000	8	0	0	0	0	0
MALS 41 (FW)	03007	1	0	0	0	0	0
VMA AV-8B (West Coast)	00000	4	0	0	0	0	0
VMFA 112	08954	1	0	0	0	0	0
VMFA 134	09365	1	0	0	0	0	0
VMFA F/A18 (West Coast)	00000	4	0	0	0	0	0
VMFA(AW) F/A18 (West Coast)	00000	3	0	0	0	0	0
TOTAL:		67	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY							
AIROPS/NAVOSH PM Brunswick ME	3193B	1	0	0	0	0	0
NAMTRAGRUDET Mayport	66069	1	0	0	0	0	0
ATG Norfolk	30733	1	0	0	0	0	0
AVORD MTT Norfolk	48764	1	0	0	0	0	0
COMNAVAIRLANT	57012	1	0	0	0	0	0
CSFWLD Beaufort	3006A	1	0	0	0	0	0
LANTORDDDET	31279	1	0	0	0	0	0
NAF Mildenhall	57032	1	0	0	0	0	0
NAMTRAU Norfolk	66046	1	0	0	0	0	0
NAS Keflavik Iceland	63032	1	0	0	0	0	0
Naval Ordnance Center, Indian Head, MD	68963	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN: Total Force Manpower Management System, TFMMS

DATE: 2/1/02

USMC: Extracted from Table of Manpower Requirements, TFS MCCDC

DATE: 2/1/02

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
NAVSTKAIR TS	39783	1	0	0	0	0	0
NWS Charleston, SC	00193	1	0	0	0	0	0
USS Bataan LHD 5	21879	1	0	0	0	0	0
USS Eisenhower CVN 69	03369	1	0	0	0	0	0
USS Enterprise CVN 65	03365	1	0	0	0	0	0
USS George Washington CVN 73	21412	1	0	0	0	0	0
USS Harry S. Truman CVN 75	21853	1	0	0	0	0	0
USS Iwo Jima LHD 7	23027	1	0	0	0	0	0
USS John F. Kennedy CV 76	03367	1	0	0	0	0	0
USS Kearsarge LHD 3	21700	1	0	0	0	0	0
USS Nassau LHA 4	20725	1	0	0	0	0	0
USS Ronald Reagan CVN-76	22178	0	1	0	0	0	0
USS Roosevelt CVN 71	21247	1	0	0	0	0	0
USS Saipan LHA 2	20632	1	0	0	0	0	0
USS Wasp LHD 1	21560	1	0	0	0	0	0
VFA 106		1	0	0	0	0	0
USS Constellation CV64	03364	1	0	0	0	0	0
CNATRA CAU Kingsville TX	49149	1	0	0	0	0	0
NAF El Centro	60042	1	0	0	0	0	0
NAIRWPMMAINTUN 1	52821	1	0	0	0	0	0
NAMTRAU North Island	66065	1	0	0	0	0	0
NAMTRAU Whidbey Island	66058	1	0	0	0	0	0
NAS Lemoore	63126	1	0	0	0	0	0
NAVBASE Point Mugu	69232	1	0	0	0	0	0
NAWCWD (NWCF)	63126	1	0	0	0	0	0
NSUPFAC Diego Garcia	68539	1	0	0	0	0	0
USS B Richard LHD 6	22202	1	0	0	0	0	0
USS Bella Wood LHA 3	20633	1	0	0	0	0	0
USS Boxer LHD 4	21808	1	0	0	0	0	0
USS Carl Vinson CVN 70	20993	1	0	0	0	0	0
USS Essex LHD 2	21533	1	0	0	0	0	0
USS John C. Stennis CVN 74	21847	1	0	0	0	0	0
USS Kitty Hawk CV63	03363	1	0	0	0	0	0
USS Abraham Lincoln CVN 72	21297	1	0	0	0	0	0
USS Nimitz CVN 68	03368	1	0	0	0	0	0
USS Peleliu LHA 5	20748	1	0	0	0	0	0
USS Tarawa LHA 1	20550	1	0	0	0	0	0
VAQ 129	83896	1	0	0	0	0	0
VFA 125	53971	1	0	0	0	0	0
TOTAL:		49	1	0	0	0	0
FLEET SUPPORT ACTIVITIES - USMC							
Blount Island Command	38450	1	0	0	0	0	0
FW MALS (East Coast)	00000	2	0	0	0	0	0
H&HS MCAS Beaufort SC	02031	1	0	0	0	0	0
H&HS MCAS Cherry Point NC	02002	1	0	0	0	0	0
H&HS MCAS New River NC	02021	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN: Total Force Manpower Management System, TFMMS

DATE: 2/1/02

USMC: Extracted from Table of Manpower Requirements, TFS MCCDC

DATE: 2/1/02

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
MALS 42 (RW)	09513	1	0	0	0	0	0
MALS 49 (RW)	55555	1	0	0	0	0	0
MALS-Rotary Wing (East Coast)	00000	2	0	0	0	0	0
MC Pers Dept of Navy Non-Dept	00000	1	0	0	0	0	0
VMAT 203	45483	1	0	0	0	0	0
Ft Worth, Site Support	00000	1	0	0	0	0	0
FW MALS (West coast)	00000	3	0	0	0	0	0
H&HS Futenma Japan	02601	1	0	0	0	0	0
H&HS Iwakuni Japan	02501	1	0	0	0	0	0
H&HS MCAS Camp Pendleton CA	02208	1	0	0	0	0	0
H&HS MCAS Miramar CA	02201	1	0	0	0	0	0
H&HS MCAS Yuma AZ	02230	1	0	0	0	0	0
HMT 303	55176	1	0	0	0	0	0
MAD China Lake	06117	1	0	0	0	0	0
MALS-Rotary Wing (West Coast)	00000	3	0	0	0	0	0
Marine Aviation Logistics Support	02300	1	0	0	0	0	0
MAWTS 1 Yuma AZ	55167	1	0	0	0	0	0
MCAF Kaneohe Bay HI	02303	1	0	0	0	0	0
MCAGCC 29 Palms	67399	1	0	0	0	0	0
VMAT 101	09965	1	0	0	0	0	0
TOTAL:		31	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - USMC					
HMH 772 CH-53E, 09490					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY	0	2			
HMH CH-53E (East Coast), 00000					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY	0	6			
HMLA 773, 09431					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	2	CPL	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY	0	12			
HMLA 773 DET, 00000					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
ACTIVITY	0	6			
HMLA 775 DET A, 09415					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
ACTIVITY	0	6			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
HMLA AH-19 UH-1 (East Coast), 00000					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY	0	18			
HMM 774 CH-46, 09430					
USMC	0	2	CPL	6541	
ACTIVITY	0	2			
HMM CH-46E (East Coast), 00000					
USMC	0	2	CPL	6541	
ACTIVITY	0	2			
VMA AV-8B (East Coast), 00000					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY	0	12			
VMAQ EA-6B (East Coast), 00000					
USMC	0	1	CPL	6541	
ACTIVITY	0	1			
VMFA 321, 67235					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY	0	10			
VMFA F/A18 (East Coast), 00000					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	

ACTIVITY

0 10

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETTS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VMFA(AW) F/A 18 (East Coast), 00000					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	11			
VMFA-142, 67243					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY	0	10			
VMM MV-22A, 00000					
USMC	0	2	CPL	6541	
ACTIVITY	0	2			
HMH 769 CH-53E, 09487					
USMC	0	1	CPL	6541	
AR	0	1	LCPL	6541	
ACTIVITY	0	2			
HMH CH-53D (West Coast), 00000					
USMC	0	2	CPL	6541	
ACTIVITY	0	2			
HMH CH-53E (West Coast), 00000					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY	0	6			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
HMLA 775, 55257					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	2	CPL	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY	0	12			
HMLA AH-1/9 UH-1 (West Coast), 00000					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY	0	18			
HMM 764 CH-46, 09402					
USMC	0	2	CPL	6541	
ACTIVITY	0	2			
HMM CH-46E (West Coast), 00000					
USMC	0	2	CPL	6541	
ACTIVITY	0	2			
MALS 41 (FW), 03007					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
	0	2	SSGT	6541	
SMCR	0	7	CPL	6541	
	0	2	GYSGT	6541	
	0	20	LCPL	6541	
	0	6	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY	0	48			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VMA AV-8B (West Coast), 00000					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY	0	12			
VMFA 112, 08954					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY	0	10			
VMFA 134, 09365					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY	0	10			
VMFA F/A18 (West Coast), 00000					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	10			
VMFA(AW) F/A18 (West Coast), 00000					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	11			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
FLEET SUPPORT ACTIVITIES – NAVY					
AIROPS/NAVOSH PM Brunswick ME, 3193B					
ACDU	0	2	AO1	6801	
	0	1	AO1	6801	0812
	0	3	AO2	6801	
	0	2	AO3	6801	
ACTIVITY	0	8			
NAMTRAGRUDET Mayport, 66069					
ACDU	0	2	AOC	6801	9502
	0	2	AO1	6801	9502
ACTIVITY	0	4			
ATG Norfolk, 30733					
ACDU	0	2	AOC	6801	
ACTIVITY	0	2			
AVORD MTT Norfolk, 48764					
ACDU	0	5	AO1	6801	
ACTIVITY	0	5			
COMNAVAIRLANT, 57012					
ACDU	0	2	AOC	6801	
ACTIVITY	0	2			
CSFWLD Beaufort, 3006A					
ACDU	0	1	AO1	6801	
	0	3	AO2	6801	
	0	3	AO3	6801	
ACTIVITY	0	7			
LANTORDDDET, 31279					
ACDU	0	1	AOC	6801	
	0	1	AO1	6801	
	0	8	AO2	6801	
	0	14	AO3	6801	
ACTIVITY	0	24			

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETTS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAF Mildenhall, 57032					
ACDU	0	1	AOC	6801	
ACTIVITY	0	1			
NAMTRAU Norfolk, 66046					
ACDU	0	1	AOC	6801	9502
	0	3	AO1	6801	9502
ACTIVITY	0	4			
NAS Keflavik Iceland, 63032					
ACDU	0	1	AOC	6801	
	0	1	AOC	0812	6801
	0	1	AO2	6810	6801
	0	1	AO3	6801	
ACTIVITY	0	4			
Naval Ordnance Center, Indian Head , MD, 68963					
USMC	0	1	SSGT	6541	
ACTIVITY	0	1			
NAVSTKAIR TS, 39783					
ACDU	0	2	AO1	6801	
	0	1	AO2	6801	
	0	5	AO3	6801	
ACTIVITY	0	8			
NWS Charleston, SC, 00193					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	2	SGT	6541	
ACTIVITY	0	5			
USS Bataan LHD 5, 21879					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USS Eisenhower CVN 69, 03369					
ACDU	0	7	AOC	6801	
	0	23	AO1	6801	
	0	30	AO2	6801	
SELRES	0	4	AOC	6801	
	0	5	AO1	6801	
	0	4	AO2	6801	
ACTIVITY	0	73			
USS Enterprise CVN 65, 03365					
ACDU	0	1	AOC	6801	
	0	9	AO1	6801	
ACTIVITY	0	10			
USS George Washington CVN 73, 21412					
ACDU	0	5	AOC	6801	
	0	20	AO1	6801	
	0	33	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
ACTIVITY	0	68			
USS Harry S. Truman CVN 75, 21853					
ACDU	0	5	AOC	6801	
	0	21	AO1	6801	
	0	29	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
USS Harry S. Truman CVN 75, 21853, FY04 Increment					
ACDU	0	4	AO2	6801	
ACTIVITY	0	69			
USS Iwo Jima LHD 7, 23027					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	

ACTIVITY

0 12

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USS John F. Kennedy CV 76, 03367					
ACDU	0	7	AOC	6801	
	0	25	AO1	6801	
	0	29	AO2	6801	
SELRES	0	2	AO1	6801	
	0	7	AO2	6801	
ACTIVITY	0	70			
USS Kearwsarge LHD 3, 21700					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY	0	12			
USS Nassau LHA 4, 20725					
ACDU	0	2	AOC	6801	
	0	10	AO1	6801	
	0	1	AO2	6801	
ACTIVITY	0	13			
USS Ronald Reagan CVN-76, 22178, FY02 Increment					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
ACTIVITY	0	75			
USS Roosevelt CVN 71, 21247					
ACDU	0	5	AOC	6801	
	0	20	AO1	6801	
	0	33	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
ACTIVITY	0	68			
USS Saipan LHA 2, 20632					
ACDU	0	2	AOC	6801	
	0	10	AO1	6801	
	0	1	AO2	6801	

ACTIVITY

0 13

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USS Wasp LHD 1, 21560					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY	0	12			
VFA 106					
USMC	0	1	SGT	6541	
ACTIVITY	0	1			
USS Constellation CV64, 03364					
ACDU	0	6	AOC	6801	
	0	10	AO1	6801	
ACTIVITY	0	16			
CNATRA CAU Kingsville TX, 49149					
ACDU	0	1	AO1	6801	9549
ACTIVITY	0	1			
NAF EI Centro, 60042					
ACDU	0	1	AOC	6801	
	0	1	AO1	6801	
	0	5	AO2	6801	
ACTIVITY	0	7			
NAIRWPMaintun 1, 52821					
ACDU	0	1	AOC	6801	
	0	3	AO1	6801	
	0	12	AO2	6801	
	0	4	AO3	6801	
ACTIVITY	0	20			
NAMTRAU North Island, 66065					
ACDU	0	3	AO1	6801	9502
	0	2	AO2	6801	9502
ACTIVITY	0	5			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAMTRAU Whidbey Island, 66058					
ACDU	0	2	AOC	6801	9502
	0	3	AO1	6801	9502
ACTIVITY	0	5			
NAS Lemoore, 63126					
ACDU	0	2	AO1	6801	
	0	1	AO2	6801	
	0	1	AO2	6801	0812
ACTIVITY	0	4			
NAVBASE VC Point Mugu, 69232					
ACDU	0	4	AO1	6801	
	0	5	AO2	6801	
ACTIVITY	0	9			
NAWCWD (NWCF), 63126					
ACDU	0	1	AO1	6801	
ACTIVITY	0	1			
NSUPFAC Diego Garcia, 68539					
ACDU	0	1	AO1	6801	
	0	2	AO2	6801	
	0	2	AO3	6801	
ACTIVITY	0	5			
USS B Richard LHD 6, 22202					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY	0	12			
USS Bella Wood LHA 3, 20633					
ACDU	0	2	AOC	6801	
	0	9	AO1	6801	
	0	1	AO2	6801	
ACTIVITY	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USS Boxer LHD 4, 21808					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY	0	12			
USS Carl Vinson CVN 70, 20993					
ACDU	0	8	AOC	6801	
	0	29	AO1	6801	
	0	36	AO2	6801	
ACTIVITY	0	73			
USS Essex LHD 2, 21533					
ACDU	0	2	AOC	6801	
	0	7	AO1	6801	
	0	2	AO2	6801	
ACTIVITY	0	11			
USS John C. Stennis CVN 74, 21847					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	35	AO2	6801	
SELRES	0	2	AO2	6801	
ACTIVITY	0	75			
USS Kitty Hawk CV63, 03363					
ACDU	0	5	AOC	6801	
	0	25	AO1	6801	
	0	22	AO2	6801	
SELRES	0	1	AOC	6801	
	0	2	AO1	6801	
	0	2	AO2	6801	
USS Kitty Hawk CV63, 03363, FY03 Increment					
SELRES	0	1	AOC	6801	
	0	2	AO1	6801	
ACTIVITY	0	60			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USS Abraham Lincoln CVN 72, 21297					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
ACTIVITY	0	75			
USS Nimitz CVN 68, 03368					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
ACTIVITY	0	75			
USS Peleliu LHA 5, 20748					
ACDU	0	2	AOC	6801	
	0	9	AO1	6801	
	0	1	AO2	6801	
ACTIVITY	0	12			
USS Tarawa LHA 1, 20550					
ACDU	0	2	AOC	6801	
	0	9	AO1	6801	
	0	1	AO2	6801	
ACTIVITY	0	12			
VAQ 129, 83896					
USMC	0	1	SGT	6541	
ACTIVITY	0	1			
VFA 125, 53971					
USMC	0	1	SGT	6541	
ACTIVITY	0	1			
FLEET SUPPORT ACTIVITIES - USMC					
Blount Island Command, 38450					
USMC	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	2			

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETTS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
FW MALS (East Coast), 00000					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY	0	44			
H&HS MCAS Beaufort SC, 02031					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SGT	6541	9954
	0	1	SSGT	6541	
ACTIVITY	0	5			
H&HS MCAS Cherry Point NC, 02002					
USMC	0	4	CPL	6541	
	0	4	SGT	6541	
USMC	0	3	SSGT	6541	
ACTIVITY	0	11			
H&HS MCAS New River NC, 02021					
USMC	0	1	CPL	6541	9954
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	5			
MALS 42 (RW), 09513					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	CPL	6541	
	0	1	GYSGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	3	LCPL	6541	
	0	2	SSGT	6541	
ACTIVITY	0	11			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
MALS 49 (RW), 55555					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
AR	0	2	SSGT	6541	
SMCR	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	2	LCPL	6541	
ACTIVITY	0	10			
MALS-Rotary Wing (East Coast), 00000					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY	0	12			
MC PERS Dept of Navy Non-Dept, 00000					
USMC	0	2	CPL	6541	
	0	7	GYSGT	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	13			
VMAT 203, 45483					
USMC	0	3	GYSGT	6541	
	0	1	LCPL	6541	
	0	20	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY	0	28			
Ft Worth, Site Support, 00000					
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
ACTIVITY	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
FW MALS (West coast), 00000					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY	0	44			
H&HS Futenma Japan, 02601					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	12			
H&HS Iwakuni Japan, 02501					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	7			
H&HS MCAS Camp Pendelton CA, 02208					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY	0	8			
H&HS MCAS Miramar CA, 02201					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	8			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
H&HS MCAS Yuma AZ, 02230					
USMC	0	3	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
	0	1	SSGT	6541	9954
ACTIVITY	0	7			
HMT 303, 55176					
USMC	0	3	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY	0	6			
MAD China Lake, 06117					
USMC	0	1	GYSGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	2			
MALS-Rotary Wing (West Coast), 00000					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY	0	12			
Marine Aviation Logistics Support Element Kaneohe, 02300					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	6			
MAWTS 1 Yuma AZ, 55167					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
ACTIVITY	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
MCAF Kaneohe Bay HI, 02303					
USMC	0	4	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	7			
MCAGCC 29 Palms, 67399					
USMC	0	3	LCPL	6541	
ACTIVITY	0	3			
VMAT 101, 09965					
USMC	0	3	CPL	6541	
	0	6	LCPL	6541	
ACTIVITY	0	9			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY02		FY03		FY04		FY05		FY06	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC OPERATIONAL ACTIVITIES - USMC													
CPL	6541		146		0		0		0		0		0
GYSGT	6541		10		0		0		0		0		0
LCPL	6541		205		0		0		0		0		0
SGT	6541		71		0		0		0		0		0
SSGT	6541		20		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR													
GYSGT	6541		1		0		0		0		0		0
LCPL	6541		1		0		0		0		0		0
SGT	6541		8		0		0		0		0		0
SSGT	6541		6		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR													
CPL	6541		11		0		0		0		0		0
GYSGT	6541		6		0		0		0		0		0
LCPL	6541		46		0		0		0		0		0
SGT	6541		9		0		0		0		0		0
SSGT	6541		4		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6801		109		9		0		0		0		0
AOC	6801 9502		5		0		0		0		0		0
AOC	0812 6801		1		0		0		0		0		0
AO1	6801		394		29		0		0		0		0
AO1	6801 812		1		0		0		0		0		0
AO1	6801 9502		11		0		0		0		0		0
AO1	6801 9549		1		0		0		0		0		0
AO2	6801		380		37		0		4		0		0
AO2	6801 812		1		0		0		0		0		0
AO2	6801 9502		2		0		0		0		0		0
AO2	6810 6801		1		0		0		0		0		0
AO3	6801		31		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES													
AOC	6801		14		0		1		0		0		0
AO1	6801		21		0		2		0		0		0
AO2	6801		24		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - USMC													
CPL	6541		2		0		0		0		0		0
GYSGT	6541		1		0		0		0		0		0
SGT	6541		5		0		0		0		0		0
SSGT	6541		1		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY02		FY03		FY04		FY05		FY06	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC FLEET SUPPORT ACTIVITIES - USMC													
CPL	6541		67		0		0		0		0		0
CPL	6541	9954	1		0		0		0		0		0
GYSGT	6541		51		0		0		0		0		0
LCPL	6541		156		0		0		0		0		0
SGT	6541		88		0		0		0		0		0
SGT	6541	9954	1		0		0		0		0		0
SSGT	6541		61		0		0		0		0		0
SSGT	6541	9954	1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR													
CPL	6541		1		0		0		0		0		0
GYSGT	6541		2		0		0		0		0		0
SGT	6541		1		0		0		0		0		0
SSGT	6541		3		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
CPL	6541		1		0		0		0		0		0
GYSGT	6541		3		0		0		0		0		0
LCPL	6541		5		0		0		0		0		0
SSGT	6541		2		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY02		FY03		FY04		FY05		FY06	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SUMMARY TOTALS:													
USMC OPERATIONAL ACTIVITIES - USMC		452		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - AR		16		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - SMCR		76		0		0		0		0		0	
NAVY FLEET SUPPORT ACTIVITIES - ACDU		937		75		0		4		0		0	
NAVY FLEET SUPPORT ACTIVITIES - SELRES		59		0		3		0		0		0	
NAVY FLEET SUPPORT ACTIVITIES - USMC		9		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC		426		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - AR		7		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - SMCR		11		0		0		0		0		0	

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY02		FY03		FY04		FY05		FY06	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GRAND TOTALS:													
NAVY - ACDU			937		75		0		4		0		0
NAVY - SELRES			59		0		3		0		0		0
NAVY - USMC			9		0		0		0		0		0
USMC - USMC			878		0		0		0		0		0
USMC - AR			23		0		0		0		0		0
USMC - SMCR			87		0		0		0		0		0

II.A.2.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY DEACTIVATION SCHEDULE

SOURCE: USN: Total Force Manpower Management System, TFMMS

DATE: 5/1/01

USMC: Extracted from Table of Manpower Requirements, TFS MCCDC

DATE: 5/1/01

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
FLEET SUPPORT ACTIVITIES - NAVY							
USS Constellation CV64	03364	0	0	1	0	0	0
TOTAL:		0	0	1	0	0	0

II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
FLEET SUPPORT ACTIVITIES - NAVY					
USS Kitty Hawk CV63, 03363, FY03 Increment					
ACDU	0	1	AOC	6801	
	0	2	AO1	6801	
ACTIVITY	0	3			

II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY02		FY03		FY04		FY05		FY06	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6801		11	0		-7		0		0		0	
AO1	6801		35	0		-12		0		0		0	
SUMMARY TOTALS:													
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
			46	0		-19		0		0		0	
GRAND TOTALS:													
NAVY - ACDU													
			46	0		-19		0		0		0	

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY02		FY03		FY04		FY05		FY06	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU-4030 NAMTRAGRU DET Mayport, 66069

INSTRUCTOR BILLETS

ACDU														
AOC	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: MTU-4032 NAMTRAU Norfolk, Norfolk, 66046

INSTRUCTOR BILLETS

ACDU														
AOC	6801	9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	0	3	0	3	0	3	0	3	0	3	0	3
TOTAL:			0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: MTU-4033 NAMTRAU North Island, 66065

INSTRUCTOR BILLETS

ACDU														
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
AO2	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: NAMTRA MARUNIT, MCAS Cherry Point, 45483

INSTRUCTOR BILLETS

USMC														
GYSGT	6541		0	0	0	0	0	0	0	0	0	0	0	0
SGT	6541		0	19	0	19	0	19	0	19	0	19	0	19
SSGT	6541		0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	21	0	21	0	21	0	21	0	21	0	21

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY02		FY03		FY04		FY05		FY06	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU-4035 NAMTRAU Whidbey Island, 66058

INSTRUCTOR BILLETS

ACDU														
AOC	6801	9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	3	0	3	0	3	0	3	0	3	0	3

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY02		FY03		FY04		FY05		FY06	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4030 NAMTRAGUU DET Mayport, 66069	NAVY		1.9	1.9		1.9		1.9		1.9		1.9	
MTU-4032 NAMTRAU Norfolk, 66046	NAVY		11.4	19.3		12.1		12.5		12.1		12.1	
NAMTRA MARUNIT MCAS Cherry Point, 45483	USMC		47.7	47.7		47.7		47.7		47.7		47.7	
MTU-4033 NAMTRAU North Island, 66065	NAVY		8.0	8.0		7.9		7.4		7.4		7.4	
MTU-4035 NAMTRAU Whidbey Island, 66058	NAVY		3.6	3.6		3.6		3.6		3.6		3.6	
SUMMARY TOTALS:													
	NAVY		24.9	32.8		25.5		25.4		25.0		25.0	
	USMC		47.7	47.7		47.7		47.7		47.7		47.7	
GRAND TOTALS:													
			72.6	80.5		73.2		73.1		73.7		72.7	

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM
------------------	---------------	---------------	----------------	--------------	-----	-------------	-----	-------------	-----	-------------	-----	-------------	-----

a. OFFICER - USN

NA

b. ENLISTED - USN

Fleet Support Billets ACDU and TAR

AOC	6801		109	9	118	-7	111	0	111	0	111	0	111
AOC	6801	9502	5	0	5	0	5	0	5	0	5	0	5
AOC	0812	6801	1	0	1	0	1	0	1	0	1	0	1
AO1	6801		394	29	423	-12	411	0	411	0	411	0	411
AO1	6801	812	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	11	0	11	0	11	0	11	0	11	0	11
AO1	6801	9549	1	0	1	0	1	0	1	0	1	0	1
AO2	6801		380	37	417	0	417	4	421	0	421	0	421
AO2	6801	812	1	0	1	0	1	0	1	0	1	0	1
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO2	6810	6801	1	0	1	0	1	0	1	0	1	0	1
AO3	6801		31	0	31	0	31	0	31	0	31	0	31

Staff Billets ACDU and TAR

AOC	6801	9502	4	0	4	0	4	0	4	0	4	0	4
AO1	6801	9502	9	0	9	0	9	0	9	0	9	0	9
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2

Chargeable Student Billets ACDU and TAR

			25	8	33	-7	26	-1	25	0	25	0	25
--	--	--	----	---	----	----	----	----	----	---	----	---	----

SELRES Billets

AOC	6801		14	0	14	1	15	0	15	0	15	0	15
AO1	6801		21	0	21	2	23	0	23	0	23	0	23
AO2	6801		24	0	24	0	24	0	24	0	24	0	24

TOTAL USN ENLISTED BILLETS:

Fleet Support			1036	-99	937	75	1012	-19	993	4	997	0	997
---------------	--	--	------	-----	-----	----	------	-----	-----	---	-----	---	-----

Staff			15	0	15	0	15	0	15	0	15	0	15
-------	--	--	----	---	----	---	----	---	----	---	----	---	----

Chargeable Student			104	-79	25	8	33	-7	26	-1	25	0	25
--------------------	--	--	-----	-----	----	---	----	----	----	----	----	---	----

SELRES			59	0	59	0	59	3	62	0	62	0	62
--------	--	--	----	---	----	---	----	---	----	---	----	---	----

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02		FY03		FY04		FY05		FY06	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM

c. OFFICER - USMC

NA

d. ENLISTED - USMC

Operational Billets USMC and AR

CPL	6541		146	0	146	0	146	0	146	0	146	0	146
GYSGT	6541		11	0	11	0	11	0	11	0	11	0	11
LCPL	6541		206	0	206	0	206	0	206	0	206	0	206
SGT	6541		79	0	79	0	79	0	79	0	79	0	79
SSGT	6541		26	0	26	0	26	0	26	0	26	0	26

Fleet Support Billets USMC and AR

CPL	6541		70	0	70	0	70	0	70	0	70	0	70
CPL	6541	9954	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6541		54	0	54	0	54	0	54	0	54	0	54
LCPL	6541		156	0	156	0	156	0	156	0	156	0	156
SGT	6541		94	0	94	0	94	0	94	0	94	0	94
SGT	6541	9954	1	0	1	0	1	0	1	0	1	0	1
SSGT	6541		65	0	65	0	65	0	65	0	65	0	65
SSGT	6541	9954	1	0	1	0	1	0	1	0	1	0	1

Staff Billets USMC and AR

GYSGT	6541		0	0	0	0	0	0	0	0	0	0	0
SGT	6541		19	0	19	0	19	0	19	0	19	0	19
SSGT	6541		2	0	2	0	2	0	2	0	2	0	2

Chargeable Student Billets USMC and AR

			48	0	48	0	48	0	48	0	48	0	48
--	--	--	----	---	----	---	----	---	----	---	----	---	----

SMCR Billets

CPL	6541		12	0	12	0	12	0	12	0	12	0	12
GYSGT	6541		9	0	9	0	9	0	9	0	9	0	9
LCPL	6541		51	0	51	0	51	0	51	0	51	0	51
SGT	6541		9	0	9	0	9	0	9	0	9	0	9
SSGT	6541		6	0	6	0	6	0	6	0	6	0	6

TOTAL USMC ENLISTED BILLETS:

Operational			468	0	468	0	468	0	468	0	468	0	468
-------------	--	--	-----	---	-----	---	-----	---	-----	---	-----	---	-----

Fleet Support			442	0	442	0	442	0	442	0	442	0	442
---------------	--	--	-----	---	-----	---	-----	---	-----	---	-----	---	-----

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02		FY03		FY04		FY05		FY06	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
Staff			21	0	21	0	21	0	21	0	21	0	21
Chargeable Student			48	0	48	0	48	0	48	0	48	0	48
SMCR			87	0	87	0	87	0	87	0	87	0	87

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: E-646-7007, General Shipboard/NAS Weapons Department Aviation Ordnance Maintenance

COURSE LENGTH: 6.2 Weeks **TOUR LENGTH:** 60 Months

ATTRITION Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.14

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY02		FY03		FY04		FY05		FY06	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4030	NAMTRAGRU DET Mayport											
	NAVY	ACDU		15		15		15		15		15
		SELRES		1		1		1		1		1
MTU-4032	NAMTRAU Norfolk											
	NAVY	ACDU		151		95		98		95		95
		SELRES		4		4		4		4		4
		TOTAL:		171		115		118		115		115

CIN, COURSE TITLE: E-646-7007, General Shipboard /NAS Weapons Department Aviation Ordnance Maintenance

COURSE LENGTH: 6.2 Weeks **TOUR LENGTH:** 60 Months

ATTRITION Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY02		FY03		FY04		FY05		FY06	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4033	NAMTRAU North Island											
	NAVY	ACDU		73		72		68		68		68
		SELRES		1		1		1		1		1
MTU-4035	NAMTRAU Whidbey Island											
	NAVY	ACDU		33		33		33		33		33
		TOTAL:		107		106		102		102		102

CIN, COURSE TITLE: M-646-7026, Aviation Ordnance Technician Intermediate Maintenance

COURSE LENGTH: 12.6 Weeks **TOUR LENGTH:** 36 Months

ATTRITION Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.22

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY02		FY03		FY04		FY05		FY06	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MCAS	Cherry Point											
	USMC	USMC		220		220		220		220		220
		AR		6		6		6		6		6
		SMCR		9		9		9		9		9
		TOTAL:		235		235		235		235		235

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AGM-88/ AARGM and, therefore, are not included in Part III of this NTSP:

III.A.1 Initial Training Requirements

II.A.2. Follow-on Training

II.A.2.a. Planned Courses

II.A.2.b. Unique Courses

III.A.3. Existing Training Phased Out

III.B. Total Ship Training Course Summary

III.C. Inactive Duty Training Travel and Annual Training Summary

Note: Initial training has been completed for the AGM-88 Missiles.

PART III - TRAINING REQUIREMENTS

III.A. TRAINING COURSE REQUIREMENTS

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department Aviation Ordnance Maintenance
TRAINING ACTIVITY: MTU-4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

SOURCE: NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	15		15		15		15		15	ATIR
	14		14		14		14		14	Output
	1.9		1.9		1.9		1.9		1.9	AOB
	1.9		1.9		1.9		1.9		1.9	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

TRAINING ACTIVITY: MTU-4032 NAMTRAU
LOCATION, UIC: Norfolk, 66046

SOURCE: NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	89		151		95		98		95	ATIR
	136		86		88		86		86	Output
	19.3		12.1		12.5		12.1		12.1	AOB
	19.3		12.1		12.5		12.1		12.1	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.5		0.5		0.5		0.5		0.5	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department Aviation Ordnance Maintenance
TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: North Island, 66065

SOURCE: NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	73		72		68		68		68	ATIR
	66		65		61		61		61	Output
	8.0		7.9		7.4		7.4		7.4	AOB
	8.0		7.9		7.4		7.4		7.4	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

TRAINING ACTIVITY: MTU-4035 NAMTRAU
LOCATION, UIC: Whidbey Island, 66058

SOURCE: NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	33		33		33		33		33	ATIR
	30		30		30		30		30	Output
	3.6		3.6		3.6		3.6		3.6	AOB
	3.6		3.6		3.6		3.6		3.6	Chargeable

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Technician Intermediate Maintenance
TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 45483

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	226		226		226		226		226	ATIR
	226		226		226		226		226	Output
	47.7		47.7		47.7		47.7		47.7	AOB
	47.7		47.7		47.7		47.7		47.7	Chargeable

SOURCE: USMC **STUDENT CATEGORY:** SMCR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	9		9		9		9		9	ATIR
	9		9		9		9		9	Output
	1.9		1.9		1.9		1.9		1.9	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

PART IV – TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AGM-88 and are therefore not included in this NTSP.

IV.A. Training Hardware

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

IV.B. Courseware Requirements

IV.B.1. Training Services

IV.C. Facility Requirements

IV.C.1. Facility Requirements Summary (Space/Support) by Activity

IV.C.2. Facility Requirements Detailed by Activity and Course

IV.C.3. Facility Project Summary by Program

IV.A. TRAINING HARDWARE REQUIREMENTS

IV.A.2. TRAINING DEVICES

DEVICE: CATM-88 Training Guided Missile
DESCRIPTION OF DEVICE: This Training Device is an inert, captive flight training missile, permitting realistic exercise of the Harm. The airborne operation of the CATM-88 provides direct comparison with actual weapon firings by simulation without expending the missile.
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: VFA-106
LOCATION, UIC : NAS Oceana, 09679

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
9			Onboard	D-2A-0601 D-2A-0602 D-2A-0604 D-2A-0606 Readiness/Loading/Handling

TRAINING ACTIVITY: VFA-125
LOCATION, UIC : NAS Lemoore, 09485

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
4			Onboard	E-2A-0601, E-2A-0602 E-2A-0604, E-2A-0606 E-646-0640, E-646-0647 Readiness/Loading/Handling

Note: F/A-18E/F Pilot and WSO training is currently being taught at VFA-122 Lemoore although the syllabus is not yet approved. Approval is anticipated by the end of the calendar year. (December 2002)

TRAINING ACTIVITY: VFA-122
LOCATION, UIC : NAS Lemoore, 09485

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
4			Onboard	E-2A-061X, E-2A-062X E-2A-063X, E-2A-064X E-2D-181X, E-2D-182X E-2D-183X, E-2D-184X Readiness/Loading/Handling

TRAINING ACTIVITY: VAQ-129
LOCATION, UIC : NAS Whidbey Island, 09995

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
4			Onboard	E-2A-1821, E-2A-1822 E-2A-1823, E-2A-1824

E-2A-1825,
Readiness/Loading/Handling

IV.A.2. TRAINING DEVICES

TRAINING ACTIVITY: VMFAT-101
LOCATION, UIC : MCAS Miramar, 09965

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
7			Onboard	See note below

Note: The following courses are supported by the CATM-88 Training Guided Missile:

D/E-2A-0610, F/A-18 Fleet Replacement Pilot Category 1 Pipeline	E-2D-0601, F/A-18 Combat Capable Weapons Sensor Officer Training Category 1
D/E-2A-0611, F/A-18 Fleet Replacement Pilot Category 2A Pipeline	E-2D-0602, F/A-18 Combat Capable Weapons Sensor Officer Training Category 2
D/E-2A-0612, F/A-18 Fleet Replacement Pilot Category 2F Pipeline	E-2D-0603, F/A-18 Combat Capable Weapons Sensor Officer Training Category 3
D/E-2A-0613, F/A-18 Fleet Replacement Pilot Category 3 Pipeline	E-2D-0604, F/A-18 Combat Capable Weapons Sensor Officer Training Category 4
D/E-2A-0614, F/A-18 Fleet Replacement Pilot Category 4 Pipeline	

TRAINING ACTIVITY: NAS Atlanta
LOCATION, UIC : NAS Atlanta, 00196

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Readiness/Loading/Handling

TRAINING ACTIVITY: NAS JRB New Orleans
LOCATION, UIC : NAS JRB New Orleans, 00206

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Readiness/Loading/Handling

TRAINING ACTIVITY: MCAS Miramar
LOCATION, UIC : MCAS Miramar, 45526

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Readiness/Loading/Handling

TRAINING ACTIVITY: NAF Washington
LOCATION, UIC : NAF Washington, 00166

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Readiness/Loading/Handling

IV.A.2. TRAINING DEVICES

TRAINING ACTIVITY: NAS JRB Fort Worth
LOCATION, UIC : NAS JRB Fort Worth, 83447

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Readiness/Loading/Handling

TRAINING ACTIVITY: MALS Yuma
LOCATION, UIC : MCAS Yuma, 55585

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
3			Onboard	Readiness/Loading/Handling

TRAINING ACTIVITY: NAS Patuxent River
LOCATION, UIC : NAS Patuxent River, 0428A

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Readiness/Loading/Handling

TRAINING ACTIVITY: Pacific Fleet
LOCATION, UIC : Pacific Fleet

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Readiness/Loading/Handling

IV.A.2. TRAINING DEVICES

DEVICE: DATM88, 704AS221-1-2 Dummy Guided Missile
DESCRIPTION OF DEVICE: This Training Device is physically representative of the Laser Maverick. It is used to facilitate instruction and familiarization for transporting, handling, loading, and visual inspection procedures for organizational and intermediate level training purposes. The A/E37A-T60 is designed for ground training use only and is not certified for flight.
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: VFA-106
LOCATION, UIC : NAS Oceana, 09679

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	D-646-0640

TRAINING ACTIVITY: VFA-125
LOCATION, UIC : NAS Lemoore, 09485

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	E-646-0640

TRAINING ACTIVITY: VFA-122
LOCATION, UIC : NAS Lemoore, 09485

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	E-646-0644

TRAINING ACTIVITY: NATTC (Aviation Ordnanceman A1)
LOCATION, UIC : NAS Pensacola, 00204

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

TRAINING ACTIVITY: VMAT-101
LOCATION, UIC : MCAS Miramar, 09965

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

IV.A.2. TRAINING DEVICES

TRAINING ACTIVITY: NAS JRB New Orleans
LOCATION, UIC : NAS JRB New Orleans, 00206

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

TRAINING ACTIVITY: NAS JRB Fort Worth
LOCATION, UIC : NAS JRB Fort Worth, 83447

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

TRAINING ACTIVITY: NAF Washington
LOCATION, UIC : NAF Washington, 00166

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

TRAINING ACTIVITY: NAS Atlanta
LOCATION, UIC : NAS Atlanta, 00196

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

TRAINING ACTIVITY: MCAS Cherry Point
LOCATION, UIC : MCAS Cherry Point, 45483

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

TRAINING ACTIVITY: NAS Whidbey Island
LOCATION, UIC : NAS Whidbey Island, 00620

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

TRAINING ACTIVITY: NAF El Centro
LOCATION, UIC : NAF El Centro, 60042

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

IV.A.2. TRAINING DEVICES

TRAINING ACTIVITY: NAS North Island
LOCATION, UIC : NAS North Island, 00246

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

TRAINING ACTIVITY: NAS Fallon
LOCATION, UIC : NAS Fallon, 60495

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	Loading/Handling

IV.A.2. TRAINING DEVICES

DEVICE: Practical Explosive Ordnance Disposal System Trainer
DESCRIPTION OF DEVICE: This Training Device is a full scale model fabricated from actual hardware, having approximately the same weight and center of gravity as the tactical missile. The Practical Explosive Ordnance Disposal System Trainer is used for teaching Rendering Safe Procedures.
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

TRAINING ACTIVITY: NAVSCOLEOD
LOCATION, UIC : Eglin AFB, 68636

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	A-431-0011 A-431-0012

TRAINING ACTIVITY: EODTEU ONE
LOCATION, UIC : Point Loma, 30202

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	G-431-0001

TRAINING ACTIVITY: EODTEU TWO
LOCATION, UIC : Fort Story, 43505

QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	G-431-0001

IV.B. COURSEWARE REQUIREMENTS

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VFA-106
LOCATION, UIC: NAS Oceana, 09679
CIN, COURSE TITLE: D-2A-0610, F/A-18 Fleet Replacement Pilot Category 1 Pipeline
 D-2A-0611, F/A-18 Fleet Replacement Pilot Category 2A Pipeline
 D-2A-0612, F/A-18 Fleet Replacement Pilot Category 2F Pipeline
 D-2A-0613, F/A-18 Fleet Replacement Pilot Category 3 Pipeline
 D-2A-0614, F/A-18 Fleet Replacement Pilot Category 4 Pipeline
 D-646-0640, F/A-18 Conventional Weapons Loading
 D-646-0647, F/A-18 Conventional Release System Test

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: VFA-125
LOCATION, UIC: NAS Lemoore 09485
CIN, COURSE TITLE: E-2A-0610, F/A-18 Fleet Replacement Pilot Category 1 Pipeline
 E-2A-0611, F/A-18 Fleet Replacement Pilot Category 2A Pipeline
 E-2A-0612, F/A-18 Fleet Replacement Pilot Category 2F Pipeline
 E-2A-0613, F/A-18 Fleet Replacement Pilot Category 3 Pipeline
 E-2A-0614, F/A-18 Fleet Replacement Pilot Category 4 Pipeline
 E-646-0640, F/A-18 Conventional Weapons Loading
 E-646-0647, F/A-18 Conventional Release System Test

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: VFA-122
LOCATION, UIC: NAS Lemoore 09355
CIN, COURSE TITLE: E-2A-061X, F/A-18E/F Fleet Replacement Pilot Category 1 Pipeline
 E-2A-062X, F/A-18E/F Fleet Replacement Pilot Category 2 Pipeline
 E-2A-063X, F/A-18E/F Fleet Replacement Pilot Category 3 Pipeline
 E-2A-064X, F/A-18E/F Fleet Replacement Pilot Category 4 Pipeline
 E-2D-181X, F/A-18F Combat Capable Weapons Sensor Officer Category 1 Pipeline
 E-2D-182X, F/A-18F Combat Capable Weapons Sensor Officer Category 2 Pipeline
 E-2D-183X, F/A-18F Combat Capable Weapons Sensor Officer Category 3 Pipeline
 E-2D-184X, F/A-18F Combat Capable Weapons Sensor Officer Category 4 Pipeline
 E-646-0642, F/A-18E/F Armament Systems Initial Organizational Maintenance
 E-646-0644, F/A-18E/F Armament Systems Career Organizational Maintenance

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VMFAT-101
LOCATION, UIC: MCAS Miramar, 09965
CIN, COURSE TITLE: E-2A-0610, F/A-18 Fleet Replacement Pilot Category 1 Pipeline
 E-2A-0611, F/A-18 Fleet Replacement Pilot Category 2A Pipeline
 E-2A-0612, F/A-18 Fleet Replacement Pilot Category 2F Pipeline
 E-2A-0613, F/A-18 Fleet Replacement Pilot Category 3 Pipeline
 E-2A-0614, F/A-18 Fleet Replacement Pilot Category 4 Pipeline
 E-2D-0601, F/A-18 Combat Capable Weapons Sensor Officer Training Category 1
 E-2D-0602, F/A-18 Combat Capable Weapons Sensor Officer Training Category 2
 E-2D-0603, F/A-18 Combat Capable Weapons Sensor Officer Training Category 3
 E-2D-0604, F/A-18 Combat Capable Weapons Sensor Officer Training Category 4

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: VAQ-129
LOCATION, UIC: NAS Whidbey Island, 09995
CIN, COURSE TITLE: E-2A-1821 EA-6B Fleet Replacement Pilot Category 1
 E-2A-1822 EA-6B Fleet Replacement Pilot Category 2
 E-2A-1823 EA-6B Fleet Replacement Pilot Category 3
 E-2A-1824 EA-6B Fleet Replacement Pilot Category 4
 E-2D-1821 EA-6B Fleet Replacement NFO Category 1
 E-2D-1822 EA-6B Fleet Replacement NFO Category 2
 E-2D-1823 EA-6B Fleet Replacement NFO Category 3
 E-2D-1824 EA-6B Fleet Replacement NFO Category 4

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: NATTC
LOCATION, UIC: NAS Pensacola, 63082
CIN, COURSE TITLE: C-646-2011, Aviation Ordnanceman A1
 C-646-2012, Aviation Ordnanceman Navy Difference Training

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: Strike Fighter Weapons School - Atlantic
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: D-646-0640, F/A-18 Conventional Weapons Loading
D-646-0647, F/A-18 Conventional Release System Test

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: Strike Fighter Weapons School - Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading
E-646-0647, F/A-18 Conventional Release System Test
E-646-0642, F/A-18E/F Armament Systems (Initial) Organizational Maintenance
E-646-0644, F/A-18E/F Armament Systems (Career) Organizational Maintenance

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: MTU 1083 NAMTRAU
LOCATION, UIC: NAS Whidbey Island 66058
CIN, COURSE TITLE: C-646-9741, EA-6B Armament Systems Organizational Maintenance

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: MTU 4032 NAMTRAU
LOCATION, UIC: NAS Norfolk, 66046
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4035 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data 1 Set	1 set		Onboard

TRAINING ACTIVITY: MTU 4033 NAMTRAU
LOCATION, UIC: NAS North Island, 66065
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point 45483
CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

LOCATION, UIC: Eglin AFB, 30446
CIN, COURSE TITLE: A-431-0011, EOD Phase II (Navy)
A-431-0012, EOD Phase II

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

TRAINING ACTIVITY: EODTEU ONE
LOCATION, UIC: Point Loma, 30202
CIN, COURSE TITLE: G-431-0001, EOD Pre-Deployment Team Training

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: EODTEU TWO

LOCATION, UIC: Fort Story, 43505

CIN, COURSE TITLE: G-431-0001, EOD Pre-Deployment Team Training

TYPES OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
Harm Source Data	1 Set		Onboard

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: VFA-106

LOCATION, UIC: NAS Oceana, 09679

CIN, COURSE TITLE: D-2A-0610, F/A-18 Fleet Replacement Pilot Category 1 Pipeline
 D-2A-0611, F/A-18 Fleet Replacement Pilot Category 2A Pipeline
 D-2A-0612, F/A-18 Fleet Replacement Pilot Category 2F Pipeline
 D-2A-0613, F/A-18 Fleet Replacement Pilot Category 3 Pipeline
 D-2A-0614, F/A-18 Fleet Replacement Pilot Category 4 Pipeline

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D A1-F18AC-NFM-000	Hard Copy	6		Onboard
NATOPS Pocket Checklist A1-F18AC-NFM-500	Hard Copy	6		Onboard
Tactical Manual A1-F18AC-TAC-000	Copy	6		Onboard
Tactical Manual Pocket Guide A1-F18AC-TAC-300	Hard Copy	6		Onboard

TRAINING ACTIVITY: VFA-125

LOCATION, UIC: NAS Lemoore, 09485

CIN, COURSE TITLE: E-2A-0610, F/A-18 Fleet Replacement Pilot Category 1 Pipeline
 E-2A-0611, F/A-18 Fleet Replacement Pilot Category 2A Pipeline
 E-2A-0612, F/A-18 Fleet Replacement Pilot Category 2F Pipeline
 E-2A-0613, F/A-18 Fleet Replacement Pilot Category 3 Pipeline
 E-2A-0614, F/A-18 Fleet Replacement Pilot Category 4 Pipeline

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard Copy	6		Onboard
NATOPS Pocket Checklist A1-F18AC-NFM-500	Hard Copy	6		Onboard
Tactical Manual A1-F18AC-TAC-000	Copy	6		Onboard
Tactical Manual Pocket Guide A1-F18AC-TAC-300	Hard Copy	6		Onboard

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: VMFAT-101

LOCATION, UIC: MCAS Miramar 45526

CIN, COURSE TITLE: E-2A-0610, F/A-18 Fleet Replacement Pilot Category 1 Pipeline
 E-2A-0611, F/A-18 Fleet Replacement Pilot Category 2A Pipeline
 E-2A-0612, F/A-18 Fleet Replacement Pilot Category 2F Pipeline
 E-2A-0613, F/A-18 Fleet Replacement Pilot Category 3 Pipeline
 E-2A-0614, F/A-18 Fleet Replacement Pilot Category 4 Pipeline
 E-2D-0601, F/A-18 Combat Capable Weapons Sensor Officer Training Category 1
 E-2D-0602, F/A-18 Combat Capable Weapons Sensor Officer Training Category 2
 E-2D-0603, F/A-18 Combat Capable Weapons Sensor Officer Training Category 3
 E-2D-0604, F/A-18 Combat Capable Weapons Sensor Officer Training Category 4

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard Copy	6		Onboard
NATOPS Pocket Checklist A1-F18AC-NFM-500	Hard Copy	6		Onboard
Tactical Manual A1-F18AC-TAC-000	Hard Copy	6		Onboard
Tactical Manual Pocket Guide A1-F18AC-TAC-300	Hard Copy	6		Onboard

TRAINING ACTIVITY: VAQ-129

LOCATION, UIC: NAS Whidbey Island, 09995

CIN, COURSE TITLE: E-2A-1821 EA-6B Fleet Replacement Pilot Category 1
 E-2A-1822 EA-6B Fleet Replacement Pilot Category 2
 E-2A-1823 EA-6B Fleet Replacement Pilot Category 3
 E-2A-1824 EA-6B Fleet Replacement Pilot Category 4
 E-2D-1821 EA-6B Fleet Replacement NFO Category 1
 E-2D-1822 EA-6B Fleet Replacement NFO Category 2
 E-2D-1823 EA-6B Fleet Replacement NFO Category 3
 E-2D-1824 EA-6B Fleet Replacement NFO Category 4

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
EA-6B, NATOPS Flight Manual 01-85ADC-1	Hard Copy	10		Onboard
EA-6B, NATOPS Pocket Checklist 01-85ADC-1B	Hard Copy	10		Onboard

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU 1039 NAMTRAU
LOCATION, UIC: NAS Oceana, 66050
CIN, COURSE TITLE: C-646-9973, F/A-18 Stores Management System (Initial) Organizational Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AC-LWS-000	Hard Copy	8		Onboard
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	8		Onboard

CIN, COURSE TITLE: C-646-9974, F/A-18 Stores Management System Organizational Maintenance (Career)

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	8		Onboard

TRAINING ACTIVITY: MTU 1038 NAMTRAU
LOCATION, UIC: NAS Lemoore, 66060
CIN, COURSE TITLE: C-646-9973, F/A-18 Stores Management System (Initial) Organizational Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AC-LWS-000	Hard Copy	8		Onboard
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	8		Onboard

CIN, COURSE TITLE: C-646-9976, F/A-18E/F Stores Management System (Initial) Organizational Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AC-LWS-000	Hard Copy	8		Onboard
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	8		Onboard

CIN, COURSE TITLE: C-646-9974, F/A-18 Stores Management System Organizational Maintenance (Career)

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	8		Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-646-9975, F/A-18E/F Stores Management System Organizational Maintenance (Career)

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	8		Onboard

TRAINING ACTIVITY: Strike Fighter Weapons School Atlantic
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: D-646-0640, F/A-18 Conventional Weapons Loading

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AC-LWS-000	Hard Copy	10		Onboard
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	10		Onboard

CIN, COURSE TITLE: D-646-0647, F/A-18 Conventional Release System Test

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AC-LWS-000	Hard Copy	10		Onboard
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	10		Onboard

TRAINING ACTIVITY: Strike Fighter Weapons School Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AC-LWS-000	Hard Copy	10		Onboard
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	10		Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: E-646-0647, F/A-18 Conventional Release System Test

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual A1-F18AC-LWS-000	Hard Copy	10		Onboard
Airborne Weapons/Stores Loading Manual A1-F18AE-LWS-000	Hard Copy	10		Onboard

TRAINING ACTIVITY: MTU 1083, NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058
CIN, COURSE TITLE: C-646-9741, EA-6B Armament Systems Organizational Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne EA-6B Weapons/Stores Loading Manual A1-EA6B-LWS-000	Hard Copy	7		Onboard

TRAINING ACTIVITY: MTU 4032, NAMTRAU
LOCATION, UIC: NAS Norfolk, 66046
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Intermediate Maintenance Instructions with Illustrated Parts Breakdown, AGM-88	Hard Copy	8		Onboard
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I NAVAIR 11-120A-1.1	Hard Copy	8		Onboard
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II NAVAIR 11-120A-1.2	Hard Copy	8		Onboard
HARM Guided Missile, AGM-88B-AGM-88C Intermediate Maintenance W/IPB NA-01-AGM-88A-2	Hard Copy	8		Onboard
Airborne Weapons Handling Equipment (Shipboard) NAVAIR 19-100-2	Hard Copy	8		Onboard
Airborne Weapons/Stores Checklist, Transporting and Loading Equipment Configuration (Shipboard) NAVAIR 19-95-1	Hard Copy	8		Onboard

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU 4033 NAMTRAU

LOCATION, UIC: NAS North Island, 66065

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Intermediate Maintenance Instructions with Illustrated Parts Breakdown, AGM-88	Hard Copy	8		Onboard
Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume I NAVAIR 11-120A-1.1	Hard Copy	8		Onboard
Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II NAVAIR 11-120A-1.2	Hard Copy	8		Onboard
HARM Guided Missile, AGM-88B-AGM-88C Intermediate Maintenance W/IPB NA-01-AGM-88A-2	Hard Copy	8		Onboard
Airborne Weapons Handling Equipment (Shipboard) NAVAIR 19-100-2	Hard Copy	8		Onboard
Airborne Weapons/Stores Checklist, Transporting and Loading Equipment Configuration (Shipboard) NAVAIR 19-95-1	Hard Copy	8		Onboard

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU 4035 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Intermediate Maintenance Instructions with Illustrated Parts Breakdown,AGM-88	Hard Copy	8		Onboard
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I NAVAIR 11-120A-1.1	Hard Copy	8		Onboard
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II NAVAIR 11-120A-1.2	Hard Copy	8		Onboard
HARM Guided Missile, AGM-88B-AGM-88C Intermediate Maintenance W/IPB NA-01-AGM-88A-2	Hard Copy	8		Onboard
Airborne Weapons Handling Equipment (Shipboard) NAVAIR 19-100-2	Hard Copy	8		Onboard
Airborne Weapons/Stores Checklist, Transporting and Loading Equipment Configuration (Shipboard) NAVAIR 19-95-1	Hard Copy	8		Onboard

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 45483
CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
LAU-117 Maintenance Aircraft Guided Missile Launcher Operations and Intermediate Maintenance Instructions with IPB NA 11-75A-79	Hard Copy	8		Onboard
Intermediate Maintenance Instructions with Illustrated Parts Breakdown, AGM-88	Hard Copy	8		Onboard

TRAINING ACTIVITY: NAVSCOLEOD
LOCATION, UIC: Eglin AFB, 30446
CIN, COURSE TITLE: A-431-0011, EOD Phase II (Navy)
 A-431-0012, EOD Phase II

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Explosive Ordnance Disposal Book EODB6OG-02-2-34-5	CD-ROM	150		Onboard

TRAINING ACTIVITY: EODTEU ONE
LOCATION, UIC: Point Loma, 30202
CIN, COURSE TITLE: G-431-0001, EOD Pre-Deployment Team Training

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Explosive Ordnance Disposal Book EODB6OG-02-2-34-5	CD-ROM	4		Onboard

TRAINING ACTIVITY: EODTEU TWO
LOCATION, UIC: Fort Story, 43505
CIN, COURSE TITLE: G-431-0001, EOD Pre-Deployment Team Training

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Explosive Ordnance Disposal Book EODB6OG-02-2-34-5	CD-ROM	4		Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	AGM-88/A DT Conducted	10/80	Completed
PDA	AGM-88/A OT Conducted	11/82	Completed
PDA	AGM-88/A IOC Attained	FY83	Completed
ASO	MSD Attained	10/83	Completed
PDA	AGM-88/C IOC Attained	FY84	Completed
PDA	AGM-88/B IOC Attained	FY86	Completed
PDA	AGM-88/B (Block II) DT Conducted	8/86	Completed
PDA	AGM-88/C DT IIIA Conducted	7/89	Completed
PDA	AGM-88/B (Block III) DT and OT Conducted	12/89	Completed
PDA	AGM-88/C DT IIIB Conducted	10/91	Completed
PDA	OLSP Change 10 Issued	2/92	Completed
COMPTEVOR	Block IV OPEVAL Conducted	2/93	Completed
PDA	Block IV Production Contract Awarded	4/93	Completed
PDA	AGM-88/C OT IIIA Conducted	5/93	Completed
TSA	Block IV Factory Training and Curriculum Material Delivered	9/93	Completed
TSA	Block IV Initial Training Conducted	11/93	Completed
TSA	Block IV Curricula Materials Delivered	FY94	Completed
TA	Block IV Follow-on/Replacement Training RFT	FY94	Completed
TSA	Block IV Training Devices Delivered	3/94	Completed
PDA	Draft NTP to ALCON for Review and Comments	3/94	Completed
PDA	Proposed NTP Submitted to OPNAV	4/94	Completed
PDA	OLSP Change 11 Issued	7/94	Completed
PMA205	Draft NTSP (Updated)	9/97	Completed
PDA	Proposed NTSP Submitted to OPNAV	5/99	Completed
DCNO	Previous version of NTSP Approved	9/99	Completed
PDA	Promulgate Draft NTSP for Review	Jun 02	Pending
PMA205	Submit Proposed NTSP to OPNAV	Nov 02	Pending
DCNO (MP&T)	Approve and Promulgate NTSP	Dec 02	Pending

PART VI - ACTION ITEMS / ACTION REQUIRED

ACTION ITEM OR
ACTION REQUIRED

COMMAND ACTION

DUE DATE

STATUS

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
<p>CAPT Robert Taylor Head, Strike/ASUW Section CNO, N780D taylor.robert@hq.navy.mil</p>	<p>COMM: (703) 695-1634 DSN: 664-1634 FAX: (703) 695-8823</p>
<p>MAJ William Sellards Weapons Requirements Officer CNO, N780D5 sellards.william@hq.navy.mil</p>	<p>COMM: (703) 614-2760 DSN: 224-2760 FAX: (703) 693-9553</p>
<p>CAPT Owen Fletcher Deputy Aviation Maintenance Programs CNO, N781 Fletcher.owen@hq.navy.mil</p>	<p>COMM: (703) 604-7747 DSN: 664-7747 FAX: (703) 604-6972</p>
<p>CAPT Terry Merritt Head, Aviation Technical Training Branch CNO, N789H merritt.terry@hq.navy.mil</p>	<p>COMM: (703) 604-7730 DSN: 664-7730 FAX: (703) 604-6969</p>
<p>AZCS Gary Greenlee NTSP Manager CNO, N789H7 Greenlee.gray@hq.navy.mil</p>	<p>COMM: (703) 604-7709 DSN: 664-7709 FAX: (703) 604-6939</p>
<p>CDR Kevin Neary Aviation Manpower CNO, N122C1 n122c1@persnet.navy.mil</p>	<p>COMM: (703) 695-3247 DSN: 225-3247 FAX: (703) 614-5308</p>
<p>Mr. Robert Zweibel Training Technology Policy CNO, N795K zweibel.robert@hq.navy.mil</p>	<p>COMM: (703) 602-5151 DSN: 332-5151 FAX: (703) 602-5175</p>
<p>COL David L Barraclough, USMC Branch Head, USMC Aviation Manpower Management CMC, ASM-1 barracloughdl@hqmc.usmc.mil</p>	<p>COMM: (703) 614-1244 DSN: 224-1244 FAX: (703) 614-1309</p>
<p>MAJ Sean Blockberger Manpower Integration CMC, ASM-51 blockbergers@hqi.usmc.mil</p>	<p>COMM: (703) 614-1556 DSN: 224--1556 FAX: (703) 614-1309</p>
<p>LTCOL David Stokes Marine Aviation Weapons Requirements Officer CMC, ASL-30 stokesda@hqmc.usmc.mil</p>	<p>COMM: (703) 697-7316 DSN: 227-7316 FAX: (703) 697-7343</p>

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL**TELEPHONE NUMBERS****CAPT Christopher Powers**

Program Manager
NAVAIRSYSCOM, PMA242
powerscl@navair.navy.mil

COMM: (301) 757-7422
DSN: 757-7422
FAX: (301) 757-7418

Mr. Pete Reeve

Assistant Deputy Program Manager
NAVAIRSYSCOM, PMA242
reevep@navair.navy.mil

COMM: (301) 757-7409
DSN: 757-7409
FAX: (301) 757-7418

AOC Clayton Smeal

Training Systems Manager (TSM)
NAVAIRSYSCOM, PMA205-3H1
smealcc@navair.navy.mil

COMM: (301) 757-8100
DSN: 757-8100
FAX: (301) 757-6941

CAPT Pat Salsman

Branch Head, Training Requirements and Assessments
CINCLANTFLT, N-72
salsmancp@clf.navy.mil

COMM: (757) 836-6495
DSN: 863-6495
FAX: (757) 836-6737

Mr. Bob Long

Deputy Director of Training
CINCPACFLT, N70
longrh@cpf.navy.mil

COMM: (808) 474-8513
DSN: 474-8513
FAX: (808) 471-8596

LT Cliff Lenphier

Fleet Training and Readiness Coordinator
CINCPACFLT, N73
lanphiers@cpf.navy.mil

COMM: (808) 474-8529
DSN: 474-8529
FAX: (808) 474-8596

CDR Bill Glenn

CNAL Force Weapons Officer
glennwg@cna1.navy.mil

COMM: (757) 444-7882
DSN: 564-7482
Fax: (757) 444-7483

LCDR Tom Sanford

CNAP Force Weapons Officer
sanford.tom@cnap.navy.mil

COMM: (619) 545-2807
DSN: 735-2807
Fax: (619) 545-2774

LCDR Kenneth Minnard

Weapons Officer
COMNAVAIRRESFOR, AIRN3W
airn3w@cnrf.nola.mil

COMM: (504) 678-6846
DSN: 678-6846
FAX: (504) 678-1442

CAPT Patricia Huiatt

Deputy Assistant, Chief of Naval Personnel for Distribution
NAVPERSCOM, PERS-4B,
4b@persnet.navy.mil

COMM: (901) 874-3529
DSN: 882-3529
FAX: (901) 874-2606

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
<p>CDR Timothy Ferree Branch Head, Aviation Enlisted Assignments NAVPERSCOM, PERS-404 p404@persnet.navy.mil</p>	<p>COMM: (901) 874-3691 DSN: 882-3691 FAX: (901) 874-2642</p>
<p>MAJ Henery Domingue, USMC ACE Branch Head, Total Force Structure Division MCCDC, C5325C dominguehj@mccdc.usmc.mil</p>	<p>COMM: (703) 784-6241 DSN: 278-6241 FAX: (703) 784-6072</p>
<p>AKC Tina Jacobs Aviation Technical Training CNET, ETE-32 Parthina.jacobs@navmac.navy.mil</p>	<p>COMM: (901) 874-6483 DSN: 882-6483 FAX: (901) 874-6471</p>
<p>CAPT Grant Ziebell CNET NTSP Coordination CNET, ETS3 Capt-grant.ziebell@cnet.navy.mil</p>	<p>COMM: (850) 452-4330 DSN: 922-4330 FAX: (850) 452-4853</p>
<p>CDR Erich Blunt Aviation Technical Training CNET, ETS32 cdr_erich.blunt@cnet.navy.mil</p>	<p>COMM: (904) 452-4915 DSN: 922-4915 FAX: (904) 452-4901</p>
<p>AOCM William Harrison Air Launched Weapons Technical Coordinator NAMTRAGRU HQ, N2412 aocm-william.c.harrison@cnet.navy.mil</p>	<p>COMM: (904) 452-9708 ext. 252 DSN: 922-9708 FAX: (904) 452-9769</p>
<p>CWO4 Steven Bebow EOD Training Aids Acquisition NAVSCOLEOD, N-42 steven.bebow@eglin.af.mil</p>	<p>COMM: (850) 882-2914 DSN: 872-2914 FAX: (850) 882-9519</p>
<p>Mr. Albert Castro Program Analyst ISI Inc. castaa@ispec.com</p>	<p>COMM: (240) 725-7893 FAX: (240) 725-7005</p>