

DRAFT

NAVY TRAINING SYSTEM PLAN

FOR THE

AGM-84H

STANDOFF LAND ATTACK MISSILE

EXPANDED RESPONSE

N88-NTSP-A-50-9502A/D

JANUARY 2000

**AGM-84H STANDOFF LAND ATTACK MISSILE
EXPANDED RESPONSE**

EXECUTIVE SUMMARY

The Air-to-Ground Missile (AGM)-84H Standoff Land Attack Missile Expanded Response (SLAM ER) is a carrier-based, non-nuclear, tactical weapon designed to perform day, night, or marginal weather surgical strikes. SLAM ER is designed with sufficient standoff range to ensure high survivability of launch aircraft in attacks against surface targets. To support rapid deployment and maintain low development costs, selected components from Harpoon, Maverick, and Tomahawk Missiles were integrated into SLAM ER. This integration of existing weapon system components minimized SLAM ER design changes and allowed for easier interface with existing Standoff Land Attack Missile (SLAM) aircraft Fire Control Systems in U.S. Navy F/A-18 aircraft.

AGM-84H SLAM ER is an Acquisition Category II program and an improved variant of the AGM-84E SLAM weapon system. The SLAM ER program is currently in Phase II (Engineering and Manufacturing Development phase) of the acquisition process. The Milestone III Decision is scheduled [by the Program Executive Officer for Cruise Missiles and Unmanned Aerial Vehicles] for third quarter Fiscal Year (FY) 00. The SLAM ER program will develop modification kits that will be installed as a retrofit on all baseline SLAM missiles in the inventory.

The planned SLAM ER inventory will replace an equal number of SLAM missiles in the operational, maintenance, and training environments. Projections of SLAM ER requirements show that current SLAM manning levels are adequate to support the SLAM ER system, and no additional manpower requirements are identified.

The SLAM ER 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 Airborne Weapons Maintenance Program, OPNAVINST 8600.2B.

The SLAM ER training concept is divided into organizational and intermediate level maintenance based on OPNAVINST 8600.2B. Operator training is provided to aviators 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 Fleet Replacement Enlisted Skills Training activity. Intermediate level maintenance personnel are trained at the appropriate MTU.

**AGM-84H STANDOFF LAND ATTACK MISSILE
EXPANDED RESPONSE**

TABLE OF CONTENTS

	Page
Executive Summary.....	i
List of Acronyms.....	iii
Preface.....	vi
 PART I - TECHNICAL PROGRAM DATA	
A. Nomenclature-Title-Program.....	I-1
B. Security Classification	I-1
C. Manpower, Personnel, and Training Principals.....	I-1
D. System Description.....	I-1
E. Developmental Test and Operational Test.....	I-2
F. Aircraft and/or Equipment/System/Subsystem Replaced	I-2
G. Description of New Development	I-2
H. Concepts	I-8
I. Onboard (In-Service) Training.....	I-15
J. Logistics Support	I-17
K. Schedules	I-18
L. Government-Furnished Equipment and Contractor-Furnished Equipment Training Requirements.....	I-19
M. Related NTSPs and Other Applicable Documents	I-20
 PART II - BILLET AND PERSONNEL REQUIREMENTS	
	II-1
 PART III - TRAINING REQUIREMENTS.....	
	III-1
 PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS.....	
	IV-1
 PART V - MPT MILESTONES.....	
	V-1
 PART VI - DECISION ITEMS/ACTION REQUIRED	
	VI-1
 PART VII - POINTS OF CONTACT	
	VII-1

**AGM-84H STANDOFF LAND ATTACK MISSILE
EXPANDED RESPONSE**

LIST OF ACRONYMS

AC	Alternating Current
ADS	Air Data System
AGM	Air-to-Ground Missile
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
ATA	Automatic Target Acquisition
AUR	All-Up-Round
AWDL	Advanced Weapon Data Link
BIT	Built-In Test
CAI	Computer Aided Instruction
CATM	Captive Air Training Missile
CBT	Computer-Based Training
CEST	Classroom Explosive System Trainer
CINCLANTFLT	Commander In Chief, United States Atlantic Fleet
CINCPACFLT	Commander In Chief, United States Pacific Fleet
CMI	Computer Managed Instruction
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
COMNAVAIRESFOR	Commander, Naval Air Reserve Forces
CWTPI	Conventional Weapons Technical Proficiency Inspection
DATM	Dummy Air Training Missile
DC	Direct Current
DOP	Designated Overhaul Point
DT	Development Test
E&MD	Engineering and Manufacturing Development
EOD	Explosive Ordnance Disposal
FM	Frequency Modulation
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Readiness Squadron
FY	Fiscal Year
GFE	Government Furnished Equipment
GNU	Guidance Navigation Unit

**AGM-84H STANDOFF LAND ATTACK MISSILE
EXPANDED RESPONSE**

LIST OF ACRONYMS

GPS	Global Positioning System
ICW	Interactive Courseware
IIR	Imaging Infrared
ILSP	Integrated Logistics Support Plan
IMU	Inertial Measuring Unit
LRIP	Low-Rate Initial Production
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MGU	Mid-course Guidance Unit
MITL	Man-In-The-Loop
MOS	Military Occupational Specialty
MPM	Mission Planning Module
MPT	Manpower, Personnel, and Training
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
MU	Memory Units
NA	Not Applicable
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAS	Naval Air Station
NAVAIRSYSCOM	Naval Air System Command
NAVPERSCOM	Navy Personnel Command
NAVSCOLEOD	Naval Explosive Ordnance Disposal School
NAWMP	Naval Airborne Weapons Maintenance Program
NEC	Navy Enlisted Classification
NS	Naval Station
NSAWC	Naval Strike Air Warfare Center
NSWC	Naval Surface Warfare Center
NTSP	Navy Training System Plan
OPEVAL	Operational Evaluation
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
OT	Operational Test

**AGM-84H STANDOFF LAND ATTACK MISSILE
EXPANDED RESPONSE**

LIST OF ACRONYMS

PDA	Principal Development Activity
PEST	Practical Explosive Ordnance Disposal System Trainer
PMA	Program Manager, Air
PQS	Personnel Qualification Standard
PWB	Printed Wiring Board
RF	Radio Frequency
RFT	Ready For Training
RSP	Render Safe Procedure
SFTI	Strike Fighter Tactics Instructor
SFTP	Strike Fighter Training Program
SFTS	Strike Fighter Training System
SFWS	Strike Fighter Weapons School
SFWT	Strike Fighter Weapons and Tactics
SLAM	Standoff Land Attack Missile
SLAM ER	Standoff Land Attack Missile Expanded Response
SMAU	Stop Motion Aimpoint Update
SME	Subject Matter Expert
SRA	Shop Replaceable Assembly
TAMPS	Tactical Aircraft Mission Planning System
TD	Training Device
TTE	Technical Training Equipment
TYCOM	Type Commander
WDL	Weapon Data Link
WRA	Weapon Replaceable Assembly

**AGM-84H STANDOFF LAND ATTACK MISSILE
EXPANDED RESPONSE**

PREFACE

This Draft Navy Training System Plan (NTSP) for the Air-to-Ground Missile (AGM)-84H Standoff Land Attack Missile Expanded Response (SLAM ER) was prepared as part of the regular NTSP update process within guidelines set forth in the Navy Training Requirements Documentation Manual, Office of The Chief of Naval Operations (OPNAV) Publication P-751-9-9-97. This NTSP reflects changes that have occurred since the approved Navy Training Plan for the Standoff Land Attack Missile Expanded Response Missile, A-50-9502/A, dated May 1996. The major changes and updates to this NTSP consist of:

- PART I** This part shows the deletion of outdated information; incorporation of changes to formal training; updated Training Device (TD) allocation listings; identification of “A” School Core and Strand training and “C” School Initial and Career training; and deletion and relocation of training sites due to decisions made by the Base Realignment and Closure Commission (BRAC).
- PART II** This part has been recalculated to depict current billet requirements for fleet support-units through Fiscal Year (FY) 04.
- PART III** In addition to reflecting the changes mentioned above, this part has been recalculated to depict chargeable student billets through FY04.
- PART IV** This part has been updated to reflect changes in training and training logistics support requirements.
- PART V** This part has been updated to reflect current milestones.
- PART VI** No major changes.
- PART VII** This part has been updated to reflect current Points of Contact.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. Nomenclature-Title-Acronym. AGM-84H Standoff Land Attack Missile Expanded Response (SLAM ER) Missile System

2. Program Element. 63306N

B. SECURITY CLASSIFICATION

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

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor..... CNO (N881B)
OPO Resource Sponsor CNO (N880C7)
Developing Agency..... NAVAIRSYSCOM (PMA258)
Training Agency CINCLANTFLT
CINCPACFLT
COMNAVAIRRESFOR
CNET
MCCDC
Training Support Agency NAVAIRSYSCOM (PMA205)
Manpower and Personnel Mission Sponsor CNO (N1)
NAVPERSCOM (PERS-4, PERS-404)
Director of Naval Training CNO (N7)
Marine Corps Force Structure..... MCCDC (TFS) (C53250)

D. SYSTEM DESCRIPTION

1. Operational Uses. Launched from an F/A-18 aircraft, the AGM-84H SLAM ER will satisfy the Standoff Area Defense mission between long-range cruise missiles and short-range

freefall munitions in the land attack scenario against fixed, high value above ground targets and ships located in hostile areas of the world. SLAM ER will provide the Navy with a standoff weapon capability for aircraft to attack targets in day, night, and less-than-ideal weather conditions with improved performance over the current AGM-84E Standoff Land Attack Missile (SLAM).

2. Foreign Military Sales. Not Applicable (NA)

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. Development Test (DT) was initiated in January 1997, and was successfully completed in March 1998. In December 1996, factory training was provided to Aviation Ordnanceman (AO) from Aircraft Test and Evaluation Squadron Nine-Detachment (VX-9), Point Mugu, California, in support of a Maintainability Demonstration. This factory training consisted of F/A-18 Up and Downloading and Fleet Handling, and was provided by Boeing (formerly McDonnell Douglas Aerospace).

A combined DT and Operational Test (OT) phase was successfully completed in June 1998. In February 1998, factory training was provided to VX-9 Test and Evaluation Squadron Pilots by the Boeing Company Aerospace Training Division, in support of the combined DT/OT. This factory training consisted of Aircrew Procedures and Tactical Aircraft Mission Planning System (TAMPS) Mission Planning Module (MPM).

OT began in August 1998 and was completed in May 1999. A validation of corrected deficiencies found during OT was initiated in first quarter FY00 and will be completed in second quarter FY00. Factory training was provided to VX-9 in support of Operational Evaluation (OPEVAL). Factory training consisted of Fleet Handling, F/A-18 Up and Downloading, Theory of Operations, Aircrew Procedures, and TAMPS MPM.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. By the year 2010, the SLAM ER will have completely replaced the SLAM missile system through retrofit.

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The AGM-84H SLAM ER is a carrier-based, non-nuclear, tactical standoff weapon system designed to perform day, night, and all weather surgical strikes. Using preplanned mission profiles, the missile flies autonomously to the target area using Global Positioning System (GPS) aided inertial navigation. Near the target, the Imaging Infrared (IIR) seeker and Weapon Data Link (WDL) are activated allowing aimpoint refinement via Man-In-The-Loop (MITL) control of the IIR Seeker from the launch aircraft or a cooperative aircraft with the AN/AWW-13 data link pod.

a. Guidance Section. The Guidance Section consists of the following functional subsystems:

(1) Imaging Infrared Seeker. The production AGM-65F Maverick IIR Seeker is used with minor modifications. The seeker includes its own processor and tracking algorithm software for autonomous tracking of the designated target aimpoint. During flight, the seeker video is transmitted to the control aircraft where the operator views the image, recognizes the target, and selects a specific target aimpoint on the Multi-purpose Display Indicator. The seeker power supply is a modular Alternating Current (AC) Direct Current (DC) converter which receives the SLAM ER missile avionics 28 volts DC bus power, and output ± 33 volts DC (nominal) conditioned power required for operation of the IIR seeker. The seeker power supply also accepts on and off commands.

(2) The Guidance Navigation Unit. The Guidance Navigation Unit (GNU) is a single chassis containing Mission Computer, Inertial Measurement Unit (IMU), GPS receiver, Air Data System (ADS) electronics, Input and Output electronics, video annotation electronics, and a power conditioning unit. This unit functionally replaces the Mid-course Guidance Unit (MGU) on SLAM. The GNU contains an easily reprogrammable memory and a processor that is significantly faster than the SLAM GPS Receiver Processor Unit and MGU. Ability to reprogram the flight computer without disassembly of the All-Up-Round (AUR) reduces the cost of incorporating future software upgrades. The faster-executing processor can accommodate the additional tasks to be performed by the mission computer. The GNU includes a multi-channel GPS receiver instead of the single-channel set in SLAM. A multi-channel receiver provides the benefits of a quicker navigation solution by acquiring satellites in parallel versus serially. This simplifies prelaunch initialization of the weapon and the associated mission planning. Continuous parallel track of the satellites also increases system tolerance to the vehicle dynamics associated with bank-to-turn maneuvers in the presence of countermeasures. The IMU element also provides enhanced performance compared to the Attitude Reference Assembly equipped SLAM by providing accurate navigation and seeker pointing at extended GPS-jamming ranges. The GNU also performs video annotation and digital and/or analog input and output.

The air data system computer is a part of the GNU and is analogous to existing pitot static systems. The information provided replaces estimated values used in navigation. This reduces missile turn radius and allows continued navigation when the GPS is jammed. The air data probe is approximately two inches long.

(3) Data Link Receiver. The Advanced Weapon Data Link (AWDL) provides a radio frequency link between the missile and the control aircraft. The missile's seeker video is transmitted via the data link to the aircraft where the operator views the target image. The operator in turn transmits commands to the missile via the AWDL. The SLAM WDL electronics package is modified by replacing one Frequency Modulation (FM) video transmitter Printed Wiring Board (PWB) with a two-phase modulation video transmitter PWB, and adding one Electronically Erasable Programmable Read Only Memory board to the command receiver. The AWDL also incorporates a two-way video system and operates with eight channels. A new AWDL antenna made of high temperature steel is added and located on the back of the control section of the missile. Although the antenna is a new production item, its design is based on a prototype antenna used during a SLAM ship launch demonstration program conducted during December 1996. The AWDL also incorporates a power converter allowing the data link to be

powered directly from the missile avionics bus power. The AWDL increases data link control range and improves resistance to jamming.

(4) Power Converter. An AC to DC power converter is provided to utilize available aircraft power for SLAM ER prelaunch operations requiring DC power. The power converter is attached to the guidance body shell, and heat generated within the unit is conducted to the missile's skin for dissipation. The power supply is disconnected automatically on battery activation.

b. Warhead. The warhead assembly in the warhead section is based on the Tomahawk Block III warhead technology and will improve penetration performance against reinforced concrete land targets. The warhead assembly, the fuze (FMU-155/B), the fuze booster (BBU-60/B), the air pressure probe (FZU-56/B), and the electrical harness are all contained in the warhead section. During Engineering and Manufacturing Development (E&MD) flight testing, an exercise section (a stainless steel case containing a modified SLAM telemetry configuration with a redundant flight termination system) replaced the warhead section. The case was also redesigned to allow attachment of the SLAM ER wings.

c. Sustainer. The sustainer section is a modified SLAM sustainer consisting of a Teledyne CAE J402-CA-400 turbojet engine, cast aluminum flush inlet, a sealed fuel tank with JP-10 fuel, a silver-zinc battery, a modified wire harness, new shorting (flight) plug, a modified bolt-on launch lug, and the new wing slot covers.

d. Control. The control section contains four electro-mechanical actuators that provide fin movement for flight path control. This is the same subsystem that is used in SLAM except the SLAM blade antenna, rear facing reflector, and Radio Frequency (RF) cable were removed for SLAM ER. An additional high temperature RF connector was installed to interface with the added AWDL antenna.

The SLAM ER incorporates new planar wings along with newly designed larger control fins to provide extended range, increased maneuverability, and higher operating envelope. The planar wings are a modified Tomahawk design. The wings are structurally attached to the warhead or exercise section, and the Wing Attach Fitting and Wing Deployment Unit is covered with segmented Wing Fairings. The planar wings unfold at launch.

2. Physical Description. The AGM-84H SLAM ER is a derivative of the SLAM missile. The SLAM ER uses sections from the Maverick, Harpoon, and Tomahawk Missile Systems as described below. The SLAM ER is approximately the same length, but heavier than its predecessor, and can be subdivided into four major sections. The following are its dimensions and weight:

Length	172 0 inches
Diameter	13.5 inches
Wing span	85.9 inches
Weight	1478 pounds

3. New Development Introduction. The SLAM ER will be introduced as a retrofit to the SLAM system.

4. Significant Interfaces. The SLAM ER weapon is designed to interface with the existing wiring in the F/A-18 aircraft. Electrical and data interfaces with the AN/AWW-13 data link pods are required to provide MITL terminal guidance control. Stop Motion Aimpoint Update (SMAU) has been incorporated which will allow the operator to select the desired aimpoint on a single-frame fixed image, vice a moving image.

5. New Features, Configurations, or Material

a. Improvements. The SLAM ER is an improved variant of the SLAM weapon system and is still currently in the E&MD phase of the acquisition process. The SLAM ER program will design and develop a modification that can be installed as a retrofit on all SLAMs in inventory. The improvements include:

- A planar wing, providing increased temperature, altitude, and range capabilities
- A new nose fairing, providing improved protection against rain erosion
- An improved warhead and fuze, providing increased penetration
- A phased-modulated video transmitter and improved antenna, providing increased range for aircraft survivability and improved anti-jam capability
- A GNU, providing improved anti-jam capability, improved flight control, elimination of the need for an initialization maneuver, and reduced costs

b. Shipping and Storage Container. The final Insensitive Munitions Sympathetic Detonation test for the CNU-595/E double wall extruded aluminum container was completed on 17 July 1997. Containers are currently undergoing an Engineering Change Proposal (ECP) to incorporate some minor modifications.

c. SLAM ER Mission Planning Module for Tactical Aircraft Mission Planning System. The SLAM ER MPM for the TAMPS was developed by Boeing. By utilizing the TAMPS, SLAM ER mission planning is completely computer-based. The planner will not have to use separate Joint Operations Graphic charts, etc. Everything the planner needs will be on the TAMPS computer, including charts, Digital Terrain Elevation Data, and GPS capability. This will greatly reduce the amount of time needed for SLAM ER mission planning. With the SLAM ER MPM on TAMPS, planning time will be less than 30 minutes, including mission validation.

Automatic Target Acquisition (ATA) target selection will occur in the SLAM ER Automatic Target Acquisition Mission Planning Module (ATA MPM) for TAMPS. The operator will have the capability to define the image selection criteria, query the Joint Service Imaging

Process System-Joint Tactical Aircraft Mission Planning System Interface Module (JTIM) for available imagery, and select the appropriate image. Target selection is performed prior to mission validation and is expected to add an additional 5-10 minutes to the SLAM ER Mission Planning timeline. The SLAM ER ATA will allow the operator to plan the entire mission on the TAMPS computer, including target selection.

d. Memory Unit. The TAMPS (replacing the data computer and memory loader) will be located in the Aircraft Carrier Intelligence Center (CVIC) and will be used to transfer mission planning data to the F/A-18 Memory Units (MU) via 1760 interface. Aircraft software and not the MU will be used for purging mission data from the missile. The MU will be used to transfer data to the aircraft by inserting the MU into a receptacle in the cockpit, where mission data is read and transferred to the missile on the wing station.

e. Aircrew Interactive Courseware

(1) SLAM Interactive Courseware. The SLAM Interactive Courseware was completed on August 2, 1996 and was distributed to fleet activities. The major tutorial modules of the SLAM Interactive Courseware (ICW) are SLAM Weapons System Tutorial, SLAM Mission Planning Tutorial, and SLAM Employment Tutorial. The primary users of the SLAM ICW system are the instructors at Strike Fighter Weapons School (SFWS), Atlantic, and SFWSP, Pacific. The distribution of these systems to the individual F/A-18 Squadrons is left to the discretion of the SFWS. SFWS instructors have the capability to extract a standardized lecture for initial and refresher SLAM courses. SLAM and SLAM ER ICW was developed to comply with the Naval Strike Air Warfare Center (NSAWC) style guide and is hosted on the Strike Fighter Training System (SFTS).

(2) Revision 1. Revision 1 was completed in November 1997.

(3) Revision 2. Revision 2 was completed in September 1998.

(4) SLAM ER. The SLAM ER ICW was placed on contract in October 1997 to Logistics Services International. The SLAM ER Aircrew ICW meeting was held on October 21, 1997. The SLAM ER ICW technical meeting was held on November 13, 1997 at Naval Air Warfare Center Weapons Division Point Mugu. The SLAM ER ICW delivery was made in first quarter FY00. ICW version 1.5 will be released in third quarter FY00.

f. Training Devices. Baseline SLAM training devices were modified into the SLAM ER configuration. The Dummy Air Training Missile (DATM) and Captive Air Training Missile (CATM) will be converted to the SLAM ER configuration in a phased approach proportionate to the tactical conversions in order to support and train SLAM ER capable squadrons. For this conversion effort, SLAM CATMs will be drawn from the rotating pools managed by the Commander In Chief, United States Atlantic Fleet (CINCLANFLT), and Commander In Chief, United States Pacific Fleet (CINCPACFLT).

(1) Exercise Training Missile. Exercise Training Missiles (ATM-84H) are identical to the tactical missiles with the exception that the warhead section is replaced with an

exercise section, which provides telemetry data of training or test flights. The exercise section also receives and executes flight termination command signals, and it is used for missile identification and tracking. ATMs will be allocated to Type Commanders (TYCOMs) by CINCLANFLT and CINCPACFLT Ordnance Plans and Policy each fiscal year by the Non-Combat Expenditure Allocation (NCEA) process.

(2) Captive Air Training Missile. CATMS simulate the SLAM ER tactical missile for full mission rehearsal training. The SLAM ER CATM is an altered configuration of the production missile and is suitable for use by training elements in both shore and shipboard environments. The SLAM ER CATM is used to train the launch aircrew and the control aircrew for MITL terminal guidance. The SLAM ER CATM can be carried on all SLAM ER platforms. SLAM ER CATMs will be deployed at schoolhouses with the remainder divided into two rotating pools and placed under the cognizance of the Training Agents, CINCLANTFLT and CINCPACFLT, who will be responsible for specific CATM deployment within their area of responsibility. The appropriate CINC will fill forward deployed unit requirements.

During Low-Rate Initial Production (LRIP) 1, 13 SLAM CATMs were recalled from the fleet and retrofitted to the SLAM ER configuration. The following SLAM ER CATMs were redistributed to the fleet: four in December 1998, two in April, four in May, and three in June 1999. These 13 CATMs, with the addition of the two CATMs from the Test Vehicle conversion, will provide sufficient assets (15) to support aircrew training during the early years of production. The remainder of the SLAM CATM population (20) will be retrofitted during Full Rate Production.

(3) Dummy Air Training Missile. The DATM is an inert shape that replicates the external appearance, form, fit, weight, and center of gravity of the AUR. The SLAM ER DATM interfaces mechanically with SLAM ER capable aircraft. DATMs are used in the classroom and Fleet training exercises to train and qualify load crews in uploading, downloading, and handling the missile. Breakout, assembly, strike up/strike down, upload/download, stowage, and organizational level maintenance for the SLAM ER DATM are identical to the procedures for a tactical missile. The SLAM ER DATM is not flight worthy, and can not be used in captive carriage flight.

Seven SLAM DATMs were retrofitted to the SLAM ER configuration. One SLAM ER DATM was delivered to support OPEVAL. The other six SLAM ER DATMs were delivered in third quarter FY99 to the requiring activities in advance of Initial Operational Capability (IOC).

(4) Practical Explosive Ordnance Disposal System Trainer. The Practical Explosive Ordnance Disposal System Trainer (PEST) simulates all explosive components. PEST is an inert training shape that replicates the external appearance and Explosive Ordnance Disposal (EOD) related internal features of the SLAM ER. For training realism, warhead and other motor components involved in the Render Safe Procedures (RSP) are replicated with inert or expended tactical or mechanically simulated components.

g. Future Upgrades. The SLAM ER Automatic Target Acquisition (ATA) system incorporates hardware and software updates to the SLAM ER AUR. ATA performs automatic target selection by comparing the stored reference image with the seeker image, thus reducing operator workload. ATA will autonomously perform pre-planned target selection and designation without MITL intervention, allow the operator to return to the MITL mode, and retain the performance of the baseline SLAM ER system. The SLAM ER ATA weapon system will be delivered to the fleet in third quarter FY00.

H. CONCEPTS

1. Operational Concept. The SLAM ER is designed to deploy with tactical units of the Navy and Marine Corps. It is intended for use by F/A-18 Aircraft Pilots.

2. Maintenance Concept. The SLAM ER maintenance concept closely follows that of the SLAM and eliminates the need for Naval Weapons Station expanded intermediate level maintenance. It conforms to the requirements of Office of The Chief of Naval Operations Instruction (OPNAVINST) 8600.2 (series), Naval Airborne Weapons Maintenance Program (NAWMP), with a slight modification. The maintenance concept allocates maintenance functions to the organizational, intermediate, and depot levels of maintenance. The prime contractor at the Designated Overhaul Point (DOP) will perform depot level maintenance. The CATM maintenance concept follows the identical system in place to support the tactical AGM-84H. The DATM maintenance concept is also organizational to depot. The DOP for the DATM is Naval Surface Warfare Center (NSWC), Indian Head Division, Indian Head, Maryland.

a. Organizational. Organizational level maintenance consists of those functions normally performed by an operating unit on a day-to-day basis in support of its own operation. Organizational maintenance is usually accomplished by aircraft specific weapons personnel assigned to a maintenance department to support the missions and task of the performing activity. Organizational level maintenance deals with the missile only as an AUR and consists of visual inspection; upload and download; Built-In Test (BIT); install and remove fins, lanyards, and umbilicals; and compliance with Naval Ammunition Reclassification Codes (NARs) and Technical Directive Bulletins.

- Visual inspections (special conditional, preflight and postflight)
- Aircraft and weapon system release and control system checks
- Weapon uploading and downloading
- Weapon arming and de-arming
- On-aircraft weapon test
- Discrepancy reporting
- Complying with Technical Directives

b. Intermediate. Intermediate level maintenance is performed by Navy and Marine Corps Aviation Ordnancemen with Navy Enlisted Classification (NEC) 6801 or Military Occupational Specialty (MOS) 6541 at weapons departments and consists of missile canning and decanning (containerizing and decontainerizing).

- Visually inspect for damage and corrosion
- Perform corrosion control procedures
- Decontainerize and containerize AUR
- Install and remove wings and fins
- Ready service inspection
- Compliance with NARs
- Prepare AUR for shipping or storage
- Technical Directive implementation
- Deliver missile to organizational activity

c. Depot. Depot level maintenance is performed by the manufacturer, Boeing and its sub-contractors (except for Government Furnished Equipment (GFE) on those parts determined to be beyond the capabilities of organizational or intermediate level maintenance). Sections are repaired by fault-isolating to a discrepant Weapon Replaceable Assembly (WRA), removing and replacing the WRA, and retesting to verify operational performance capability. Discrepant WRAs are repaired by fault-isolating to a faulty Shop Replaceable Assembly (SRA), removing and replacing the SRA, and retesting. Discrepant SRAs will be repaired by fault-isolating to the piece part or sub-SRA, removing and replacing the defective item, and retesting. The DOP for the DATM is NSWC, Indian Head Division. The Packaging, Handling, Storage, and Transportation Center, Earle, New Jersey, will perform container repair. IIR seeker repair will be performed at Letterkenny Army Depot.

- Visual inspection for damage and corrosion
- Fault isolation by AUR test to faulty section
- Repair by replacement of failed sections and external components
- Perform corrosion control procedures
- Containerize AUR for storage or loadout
- Technical Directive implementation
- AUR assembly and disassembly
- Record keeping and reporting
- AUR and section testing
- Visual inspection and refurbishment of containers and cradles
- Paint touchup and cleaning
- Compliance with NARs

d. Life-Cycle Maintenance Plan. NA

3. Manning Concept. The introduction of the SLAM ER into the Navy inventory will not alter manning requirements at organizational, intermediate, or depot level activities. Aircrew manpower is driven by seat factor and crew ratio. Enlisted manning for fleet squadrons, Fleet Readiness Squadrons (FRS), and intermediate level maintenance activities is based on the total assigned workload, not only on specific SLAM ER requirements. Skills required to support the SLAM ER are considered to be within the capability of existing NECs.

The Navy Squadron Training Matrices (COMNAVAIRPACINST 3500.67C/COMNAVAIRLANTINST 3500.63C) for the F/A-18 aircraft were used to estimate peacetime manpower requirements for the SLAM ER. These instructions provide annual aircrew training requirements for SLAM, which include events that involve captive carry and live fire ordnance.

For Navy F/A-18 squadrons, the only training events that involve the use of AGM-84E or CATM-84E are event number 43 (Weapons Air-to-Ground 21 SLAM/Pod Captive Carry) and event number 59 (Weapons Air-to-Ground 37 SLAM Shoot). For both events, the requirement is intended to provide SLAM missile qualification. The SLAM Shoot is required once every ten years per aircrewman, while the SLAM/Pod Captive Carry is required six times per year (three flights every 180 days) per aircrewman. Using a worst case of one sortie per SLAM/Pod Captive Carry and based on 17 aircrewman per squadron, there is a possibility of 104 AGM-84E/CATM-84E loading-downloading cycles per F/A-18 squadron per year (102 SLAM/Pod Captive Carry events plus two live shot events). Loading cycles include de-containerizing, transport, assembly, upload, download, disassembly, transport, and containerizing of the AGM-84E or CATM-84E. Thus five F/A-18 AOs (NEC 8342 or 8842/MOS 6531) and three Weapons Department AOs (NEC 6801/MOS 6541) are required to support annual AGM-84E/CATM-84E loading cycles per F/A-18 squadron, even though only a portion of their workload will be driven by AGM-84E. Since the SLAM ER is a retrofit to the SLAM weapon system, SLAM ER requirements should remain the same as the analysis shown above.

4. Training Concept. Operator training is provided for F/A-18 Pilot and Weapons System Officer (WSO) personnel. The SLAM ER training concept is divided into organizational and intermediate level maintenance based on the philosophy outlined in the NAWMP, OPNAVINST 8600.2 (Series). Organizational level training is provided to operator and maintenance personnel. Organizational level maintenance training is provided to AO personnel in the F/A-18 community with NECs 8342 and 8842 and MOS 6531. Intermediate level training is provided to Navy AO personnel with NEC 6801 and Marine Corps personnel with MOS 6541.

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.

a. Initial Training. All the following initial training has been completed. No further initial training is planned. The following table lists the formal initial training for SLAM ER. The target audience for these classes were the first cadre of personnel to support SLAM ER (i.e. DT/OT personnel), technical support personnel, ICW developers, and Navy instructors (i.e. SFWS instructors, Naval Air Maintenance Training Group (NAMTRAGRU) instructors, etc.),

who are responsible for teaching follow-on training to USN personnel. Maintenance personnel (Aviation Ordnancemen) for organizational and intermediate level maintenance received the first instruction for courses SAH-1A and SAL-3A in support of the Maintainability Demonstration. The Naval Air Warfare Center Weapons Division China Lake Harpoon/SLAM Program Office provided F/A-18 Upload and Download training (SAL-3A) for VX-9 squadron AOs to support pre-DT/OT training flights.

SLAM ER INITIAL TRAINING SCHEDULE				
COURSE NUMBER	SUBJECT	FIRST INSTRUCTION	SECOND INSTRUCTION	COURSEWARE DELIVERY
SAH-1A	Fleet Handling	Dec 96	Jul 98	Completed
SAL-3A	F/A-18 Uploading and Downloading	Dec 96	Jul 98	Completed
WS-6AH	Theory of Operations	Jun 98	NA	Completed
SAO-1A	Aircrew Procedures	Feb 98	Jul 98	Completed
TMP-1	TAMPS/MPM	Feb 98	Jul 98	Completed

b. Follow-on Training. Boeing-developed factory training will be incorporated into existing operator and maintenance courses as follow-on training. EOD training will be developed from Boeing-provided source material. Training for the SLAM ER is available as of first quarter FY00. The SLAM ER causes no change in the student throughput or chargeable students billets.

(1) Operator Training. Pilots are trained in SLAM ER theory of operation, functional description, tactical performance, weapon delivery, cockpit switchology, flight training, and missile firings in post-FRS training programs and normal squadron weapons training programs. After completion of F/A-18 FRS training, Pilots receive their specific squadron assignments. Within the squadron, the SLAM ER Subject Matter Experts (SMEs) are designated for SLAM ER training. Squadron designated SLAM ER SMEs attend SFWS for individual training on the SLAM ER. This training consists of lectures, ICW, simulator training, and flight training exercises using CATMs. After completion of SFWS training, SLAM ER SMEs return to their squadrons and continue to train using CATM flights and ICW. The Carrier Air Wing will participate in Carrier Air Wing training at NSAWC. There, F/A-18 Aircrews participate in coordinated strike scenarios using SLAM ER as part of Carrier Air Wing work-ups before deployment. Finally, the Carrier Airwing SLAM ER SMEs will receive SLAM ER exercise training at Naval Air Warfare Center Weapons Division Point Mugu, where they will be trained for Simulation Flight and live launch. Aircrews will be trained on checklist, employment procedures, and lessons learned from previous fleet firings. Eventually, SLAM ER training will be absorbed into the Strike Fighter Training Program (SFTP). TDs for SLAM ER operator

training include:

- **Captive Air Training Missile.** The CATM-84H is an inert, captive flight, training missile that permits exercise of SLAM ER pre-launch employment procedures and MITL terminal guidance.

The following table lists the applicable operator training courses. The SLAM ER source material will be incorporated in these courses with minimal impact. This will cause no change in student throughput or chargeable student billets, and, therefore, these courses will not appear in Parts II and III. Furthermore, the source material will be incorporated into the SFWS curricula and any other training that is provided to the operator as post-FRS training. All of the following courses are currently on-line.

COURSE NUMBER	COURSE TITLE
D/E-2A-0601	F/A-18 Fleet Replacement Pilot Cat 1
D/E-2A-0602	F/A-18 Fleet Replacement Pilot (Attack) Cat 2A
D/E-2A-0604	F/A-18 Fleet Replacement Pilot Cat 3A
D/E-2A-0606	F/A-18 Fleet Replacement Pilot Cat 4

(2) Organizational Maintenance. Organizational level maintenance personnel are trained at the appropriate Maintenance Training Unit (MTU) for specific aircraft maintenance. Weapon loading skills are further enhanced at SFWS and through onboard proficiency training. Training Devices for SLAM ER organizational level maintenance training include:

- **Dummy Air Training Missile.** The DATM-84H is an inert replica of the AGM-84H, which adequately satisfies the organizational level training requirements. It facilitates instruction and familiarization of SLAM ER handling, loading, and visual inspection procedures for organizational level maintenance training purposes. The DATM is not certified for flight and is designed for ground training use only. The CATM-84H is a suitable replacement for the DATM-84H.

The following table lists the applicable organizational level maintenance training courses. The SLAM ER source material will be incorporated in these courses with minimal impact. This will cause no change in student throughput or chargeable student billets. All of the following courses are currently on-line.

COURSE NUMBER	COURSE TITLE
C-646-9973	F/A-18 Stores Management System Initial Organizational Maintenance

COURSE NUMBER	COURSE TITLE
C-646-9974	F/A-18 Stores Management System Career Organizational Maintenance
D/E-646-0640	F/A-18 Conventional Weapons Loading
D/E-646-0647	F/A-18 Conventional Release System Test

(3) Intermediate Maintenance. Intermediate maintenance training is available for Navy and Marine Corps Aviation Ordnance personnel through the appropriate MTU. The TD required for intermediate maintenance training is the DATM-84H.

- **Dummy Air Training Missile.** The DATM-84H satisfies the intermediate level training requirements for the AGM-84H. It facilitates instruction and familiarization of SLAM ER de-containerizing, handling, transporting, and visual inspection procedures for intermediate level maintenance training purposes. The DATM is not certified for flight and is designed for ground training use only. The CATM-84H is a suitable replacement for the DATM-84H Training Devices

The following courses will be updated to include SLAM ER data, but course lengths will not be affected.

Title..... Air Launched Guided Missiles Intermediate Maintenance
CIN..... C-122-3111 (part of D/E-646-7007)
Model Manager MTU 4030, NAMTRAGRU DET, Norfolk, Virginia
Description This course provides ordnance personnel with knowledge of the Sparrow, Sidewinder, Phoenix, Sidearm, Maverick, Harpoon, SLAM, Walleye, and Air Nitrogen Purifier Units.
**Locations MTU 4030, NAMTRAGRU DET, Mayport, Florida
MTU 4032, NAMTRAGRU DET, Norfolk, Virginia
MTU 4033, NAMTRAGRU DET, North Island, California
MTU 4035, NAMTRAGRU DET, Whidbey Island, Washington**
Length 10 days
RFT date Currently available
Skill identifier..... AO 6801
TTE/TD..... See element IV.A.1 for TTE. TD is DATM-84H
**Prerequisite C-646-2011, Aviation Ordnanceman Common Core Class A1
C-646-2012, Aviation Ordnanceman Airwing Strand A1**

Title..... Aviation Ordnance Intermediate Maintenance Technician
 CIN..... C-646-3105 (part of M-646-7026)
 Model Manager.... MTU 4034 VMAT-203 Fleet Replacement Enlisted Skills Training (FREST), MCAS Cherry Point, North Carolina
 Description This course provides ordnance personnel with knowledge required by USMC personnel working on ordnance/armament in the AIMD environment.
 Location..... MTU 4034 VMAT-203 FREST, MCAS Cherry Point
 Length 79 days
 RFT date..... Currently available
 Skill identifier..... MOS 6541 award upon completion of track D/E-646-7026
 TTE/TD..... See element IV.A.1. for TTE. TD is DATM-84H
 Prerequisites..... C-646-2011, Aviation Ordnanceman Common Core Class A1
 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

(4) Explosive Ordnance Disposal Training. Explosive Ordnance Disposal Training is conducted at Naval Explosive Ordnance Disposal School, Eglin Air Force Base (AFB), Florida. The TDs required for EOD training are the PEST and the Classroom Explosive System Trainer (CEST):

- 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 RSP.
- 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 SLAM ER source material will be incorporated in these courses with minimal impact. This will cause no change in student throughput or chargeable student billets. All of the following courses are currently on-line.

COURSE NUMBER	COURSE TITLE
A-431-0011	Explosive Ordnance Disposal (EOD) Phase II (Navy)
A-431-0012	Explosive Ordnance Disposal (EOD) Phase II
G-431-0001	EOD Pre-deployment Team Training

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AO 6801	C-646-2011, Aviation Ordnance Common Core Class A1 and C-646-2012, Aviation Ordnance Airwing Strand Class A1 or C-646-2013, Aviation Ordnance Weapons Department Strand Class A1
MOS 6541	C-646-2011, Aviation Ordnance Common Core Class A1 and C-646-2012, Aviation Ordnance Airwing Strand Class A1 or C-646-2013, Aviation Ordnance Weapons Department Strand Class A1

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

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

a. Maintenance Training Improvement Program. The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a bank of test questions managed through automated data processing. The Deputy Chief of Staff for Training assisted in development of MTIP by providing those question banks (software) already developed by the Navy. MTIP was implemented per OPNAVINST 4790.2 series. MTIP allows increased effectiveness in the application of training resources through identification of skills and knowledge deficiencies at the activity, work center, or individual technician level. Refresher training is concentrated where needed to improve identified skill and knowledge shortfalls. MTIP will be replaced by the Aviation

Maintenance Training Continuum System (AMTCS). Current planning is for AMTCS to begin initial implementation in third quarter FY00.

COMNAVAIRPAC has discontinued using MTIP. They are currently using maintenance data products as a source to determine maintenance training deficiencies until AMTCS is implemented.

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 is planned to be 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. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the Chief of Naval Operations (CNO) mandated “just-in-time” training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Computer-Based Training (CBT) for the technicians in the Fleet in the form of 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 (ASM) which provides testing [Test and Evaluation (TEV)], recording [Electronic Training Jacket (ETJ)], 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 (MTL) data bank. These tools are procured and fielded with appropriate COTS hardware and software, i.e. Fleet Training Devices (FTD) - Laptops, PCs, Electronic Classrooms (ECR), Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N889H), AMTCS is 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.

c. Strike Fighter Training Program. NSAWC N7 (Topgun), SFWS Atlantic and SFWS Pacific are developing post-FRS training at the squadron level for Navy Strike Fighter aircraft (F/A-18). This post-FRS training continuum is known as the SFTP and is composed of three equally critical elements: the Strike Fighter Weapons and Tactics (SFWT) curricula, the Strike Fighter Tactics Instructor (SFTI), and the SFTS. The SFWT curricula will be taught by each squadron's SFTI, who will be supported by the SFTS, a multimedia Computer-Based Training system that will host CMI, CAI, CBT and ICW. Aircrew weapons proficiency training will continue to be accomplished using existing methods: Academic, Simulator (e.g., Weapons Tactics Trainer (WTT)/Weapons System Trainer (WST)), CATM and/or embedded aircraft simulation, and live missile shots supported by the Non-Combat Expenditure Allowance.

However, capability ratings will be based on performance rather than completion, i.e., it will not be based simply upon completing the training events, but upon how well they are completed. Training events will be measured using defined metrics, and collectively these events will be evaluated to determine actual combat readiness, quantitatively (objectively) rather than qualitatively (subjectively).

2. Personnel Qualification Standards. Existing shipboard and EOD Personnel Qualification Standards will be updated and used by all personnel.

3. Other Onboard and In-service Training Packages. Squadron loading teams will maintain their proficiency by participating in frequent upload and download training exercises.

The Conventional Weapon Technical Proficiency Inspection (CWTPI) is a graded inspection administered by SFWS. The CWTPI covers all areas of conventional weapon load and release, and control systems checks. The inspection evaluates the squadron's ability to 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 Pilots 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 Pilot's proficiency to deliver weapons on target. Pre-inspection training is provided by the appropriate SFWS followed by the CWTPI. The CWTPI determines the need for further conventional weapons load training of squadron AO and Aviation Electronics Technician personnel at the appropriate school.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBERS	MANUFACTURER	ADDRESS
N00019-95-C-0121 (E&MD) 3/15/95	Boeing Corporation	McDonnell Douglas Aircraft Missile Systems St. Charles, MO 63301
LRIP I 97-C-0083		
LRIP II 98-C-0160		

2. Program Documentation. The Integrated Logistics Support Plan (ILSP) Document, MS-ILSP 380, was approved in July 1993. Revision D was approved in July 1999.

3. Technical Data Plan. The Naval Air Technical Data and Engineering Service Command (NATEC) is assigned responsibility for ensuring compliance with Navy standards.

Acquisition and management of Technical Manuals is the responsibility of Commander, Naval Air Systems Command. The Technical Manual Contract Requirement document specifies exact requirements in detail and sites preparation and delivery. Applicable Technical Manuals to be affected are listed in Part IV.

4. Test Sets, Tools, and Test Equipment

a. Organizational Level Maintenance. SLAM test equipment currently in use at the organizational level will test the aircraft circuits prior to missile loading.

b. Intermediate Level Maintenance. NA

c. Depot Level Maintenance. All depot maintenance for SLAM ER will be performed at the Boeing manufacturer's facility (Missile, CATM) and NSWC Indian Head Division (DATM) using existing test equipment.

5. Repair Parts. SLAM ER is to be returned to the manufacture (Boeing) for repair.

6. Human Systems Integration. A draft Human Systems Integration plan was submitted to Program Manager, Air (PMA) 258 and approved in April 1999.

K. SCHEDULES

1. Schedule of Events. The schedule of events is as follows:

a. Installation/Delivery Schedule. SLAM ER will be introduced as a retrofit to the SLAM Missile System upon successful completion of the E&MD Milestone.

b. Ready for Operational Use Schedule. To Be Determined

c. Time Required to Install at Operational Sites. NA

d. Foreign Military Sales and Other Source Delivery Schedule. NA

e. Training Device and Technical Training Equipment Delivery Schedule

(1) Captive Air Training Missiles. Existing SLAM CATMs will be modified to the SLAM ER configuration. Upon completion of the retrofit, CATMs will be made available to the TYCOMs for their rotatable pool and or distribution.

REQUIRING ACTIVITY	LOCATION	PURPOSE	QUANTITY
SFWSLANT	NAS Oceana	Post-FRS Training	1
SFWSPAC	NAS Lemoore	Post-FRS Training	1

REQUIRING ACTIVITY	LOCATION	PURPOSE	QUANTITY
NSAWC	NAS Fallon	CVW Training	1
AIRLANT	As required	Atlantic Fleet CV/CVN rotating pool	6
AIRPAC	As required	Pacific Fleet CV/CVN rotating pool	6

(2) Dummy Air Training Missiles. Existing SLAM DATMs will be modified to the SLAM ER configuration. Upon completion of the retrofit, DATMs will be made available to the TYCOMs for their rotatable pool and or distribution.

REQUIRING ACTIVITY	LOCATION	PURPOSE	QUANTITY
SFWSLANT	NAS Oceana	CWTPI	1
SFWSPAC	NAS Lemoore	CWTPI	1
MTU 4033	NAS North Island	C-122-3111	1
MTU 4032	NAS Norfolk	C-122-3111	1
MTU 4030	NAS Mayport	C-122-3111	1
MTU 4035	NAS Whidbey Island	C-122-3111	1
Spare	NAS Fallon		1

(3) Aircrew Interactive Courseware. PMA205 delivered Phase I (Core SLAM Curricula) to the SFWS in third quarter FY96. Phase II included a freeplay module and was delivered in fourth quarter FY96. SLAM ER revisions to baseline curricula have been accomplished in first quarter FY00.

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
Navy Training Plan for the SLAM ER Missile	A-50-9502/A	PMA205	Approved May 96
F/A-18 Weapon System NTSP	A-50-7703E	PMA265	Approved Mar 93
Integrated Logistics Support Plan for Standoff Land Attack Missile (SLAM ER)	MS-ILSP-380	AIR 3.1.3	Revision D Jul 98

PART II – BILLETS AND PERSONNEL REQUIREMENTS

The following elements are not affected by the AGM-84H SLAM ER Missile and, therefore, are not included in Part II of this NTSP:

II.A. Billet Requirements

II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule

II.A.2.b. Billets to be Deleted in Operational and Fleet Support Activities

II.A.2.c. Total Billets to be Deleted in operational and Fleet Support Activities

Note: Part II of this AGM-84H SLAM ER Missile NTSP is presented by NEC and MOS for ease of understanding. It was developed to establish the total intermediate level maintenance manpower and training requirements for the aviation ordnance community. The requirement is to train ordnance personnel in the USN and USMC to receive an NEC or MOS to fill a billet, not to support a single system. The following sections are a compilation of one intermediate level NEC and one intermediate level MOS with associated billets. The addition of the AGM-84H SLAM ER Missile to the intermediate level workload is only a small percentage of the required workload for that MOS or NEC. The NEC or MOS is not unique to the AGM-84H SLAM ER Missile and, therefore, the total training requirements will remain the same.

Note: The commands and ships shaded in this section are the commands that support the AGM-84H SLAM ER Missile.

PART II - BILLET AND PERSONNEL REQUIREMENTS

Note: Highlighted commands and ships only pertain to this document.

II.A. BILLET REQUIREMENTS

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

SOURCE: USN: Total Force Manpower Management System **DATE:** 4/19/99
 USMC: Extract from Table of Manpower Requirements, TFS, MCCDC **DATE:** 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITIES - NAVY							
VFA-106, NAS Oceana	09679	1	0	0	0	0	0
VAQ-129, NAS Whidbey	09995	1	0	0	0	0	0
VFA-125, NAS Lemoore	09485	1	0	0	0	0	0
TOTAL:		3	0	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
HMH-461, MCAS New River	09582	1	0	0	0	0	0
HMH-464, MCAS New River	53935	1	0	0	0	0	0
HMH-772, JRB Willow Grove	09490	1	0	0	0	0	0
HMLA-167, MCAS New River	09898	1	0	0	0	0	0
HMLA-269, MCAS New River	08998	1	0	0	0	0	0
HMLA-773, NAS Atlanta	09431	1	0	0	0	0	0
HMLA-775 DET A, NAS New Orleans	09415	1	0	0	0	0	0
HMLA-775, MCAS Camp Pendleton	55252	1	0	0	0	0	0
HMM-162, MCAS New River	09492	1	0	0	0	0	0
HMM-261, MCAS New River	09441	1	0	0	0	0	0
HMM-263, MCAS New River	09445	1	0	0	0	0	0
HMM-264, MCAS New River	09374	1	0	0	0	0	0
HMM-266, MCAS New River	53972	1	0	0	0	0	0
HMM-365, MCAS New River	53923	1	0	0	0	0	0
HMM-774, NS Norfolk	09430	1	0	0	0	0	0
HMT-303, MCAS Camp Pendleton	55176	1	0	0	0	0	0
MALS Augment, MCAS Beaufort	67863	1	0	0	0	0	0
MAWTS-1, MCAS Yuma	55167	1	0	0	0	0	0
VMA-223, MCAS Cherry Point	09438	1	0	0	0	0	0
VMA-231, MCAS Cherry Point	52948	1	0	0	0	0	0
VMA-542, MCAS Cherry Point	52847	1	0	0	0	0	0
VMAQ-1, MCAS Cherry Point	41345	1	0	0	0	0	0
VMAQ-2, MCAS Cherry Point	42362	1	0	0	0	0	0
VMAQ-3, MCAS Cherry Point	42363	1	0	0	0	0	0
VMAQ-4, MCAS Cherry Point	67837	1	0	0	0	0	0
VMAT-203, MCAS Cherry Point	45483	1	0	0	0	0	0
VMFA(AW)-224, MCAS Beaufort	09439	1	0	0	0	0	0
VMFA(AW)-332, MCAS Beaufort	09501	1	0	0	0	0	0
VMFA(AW)-553, MCAS Beaufort	09193	1	0	0	0	0	0
VMFA-115, MCAS Beaufort	09234	1	0	0	0	0	0
VMFA-122, MCAS Beaufort	09407	1	0	0	0	0	0
VMFA-142, NAS Jacksonville	08966	1	0	0	0	0	0
VMFA-251, MCAS Beaufort	09241	1	0	0	0	0	0

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

SOURCE: USN: Total Force Manpower Management System

USMC: Extract from Table of Manpower Requirements, TFS, MCCDC

DATE: 4/19/99

DATE: 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
VMFA-312, MCAS Beaufort	09253	1	0	0	0	0	0
VMFA-321, Andrews AFB	09265	1	0	0	0	0	0
HMH-361, MCAS Miramar	09446	1	0	0	0	0	0
HMH-362, MCB Hawaii	09495	1	0	0	0	0	0
HMH-363, MCB Hawaii	09496	1	0	0	0	0	0
HMH-366, MCB Hawaii	55650	1	0	0	0	0	0
HMH-462, MCAS Miramar	09349	1	0	0	0	0	0
HMH-463, MCB Hawaii	09010	1	0	0	0	0	0
HMH-465, MCAS Miramar	53936	1	0	0	0	0	0
HMH-466, MCAS Miramar	53998	1	0	0	0	0	0
HMH-769, Edwards AFB	09487	1	0	0	0	0	0
HMLA-169, MCAS Camp Pendleton	09202	1	0	0	0	0	0
HMLA-267, MCAS Camp Pendleton	09159	1	0	0	0	0	0
HMLA-367, MCAS Camp Pendleton	09079	1	0	0	0	0	0
HMLA-369, MCAS Camp Pendleton	09361	1	0	0	0	0	0
HMM-161, MCAS Miramar	09440	1	0	0	0	0	0
HMM-163, MCAS Miramar	09405	1	0	0	0	0	0
HMM-164, MCAS Miramar	09408	1	0	0	0	0	0
HMM-165, MCAS Miramar	09343	1	0	0	0	0	0
HMM-166, MCAS Miramar	53973	1	0	0	0	0	0
HMM-262, MCAS Okinawa	09442	1	0	0	0	0	0
HMM-265, MCAS Okinawa	09404	1	0	0	0	0	0
HMM-268, MCAS Camp Pendleton	52790	1	0	0	0	0	0
HMM-364, MCAS Camp Pendleton	09793	1	0	0	0	0	0
HMM-764, Edwards AFB	09402	1	0	0	0	0	0
MALS Augment, MCAS Miramar	09111	1	0	0	0	0	0
MALS Augment, MCAS Miramar	09116	1	0	0	0	0	0
VMA-211, MCAS Yuma	09412	1	0	0	0	0	0
VMA-214, MCAS Yuma	09436	1	0	0	0	0	0
VMA-311, MCAS Yuma	09416	1	0	0	0	0	0
VMA-513, MCAS Yuma	09231	1	0	0	0	0	0
VMFA(AW)-121, MCAS Miramar	09257	1	0	0	0	0	0
VMFA(AW)-225, MCAS Miramar	09232	1	0	0	0	0	0
VMFA(AW)-242, MCAS Miramar	09668	1	0	0	0	0	0
VMFA-112, JRB Fort Worth	08954	1	0	0	0	0	0
VMFA-134, MCAS Miramar	09365	1	0	0	0	0	0
VMFA-212, MCAS Iwakuni	09434	1	0	0	0	0	0
VMFA-232, MCAS Miramar	09242	1	0	0	0	0	0
VMFA-314, MCAS Miramar	09230	1	0	0	0	0	0
VMFA-323, MCAS Miramar	09235	1	0	0	0	0	0
VMFAT-101, MCAS Miramar	09965	1	0	0	0	0	0
TOTAL:		74	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY							
AFLOATRAGRU Norfolk CSTG	49085	1	0	0	0	0	0
COMNAVAIRLANT	57012	1	0	0	0	0	0

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

SOURCE: USN: Total Force Manpower Management System

DATE: 4/19/99

USMC: Extract from Table of Manpower Requirements, TFS, MCCDC

DATE: 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
COMSTKFITWINGLANT Det, MCAS Beaufort	3006A	1	0	0	0	0	0
CV 67 USS John F. Kennedy	03367	1	0	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0	0
CVN 69 USS Dwight D. Eisenhower	03369	1	0	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	1	0	0	0	0	0
CVN 73 USS George Washington	21412	1	0	0	0	0	0
CVN 75 USS Harry S. Truman	21853	1	0	0	0	0	0
FASOTRAGRULANT	09810	1	0	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0	0
MCS 12 USS Inchon	20009	1	0	0	0	0	0
NAF Mildenhall	57032	1	0	0	0	0	0
NAS Brunswick	60087	1	0	0	0	0	0
NAS Keflavik	63032	1	0	0	0	0	0
NAS Oceana	60191	1	0	0	0	0	0
NATMSACT Kingsville	49149	1	0	0	0	0	0
NAVAIRWP-MAINTUN	52821	1	0	0	0	0	0
NAVSTKAIR TESTRON	39783	1	0	0	0	0	0
Ordnance Det Oceana	31279	1	0	0	0	0	0
SURFLANT AVORD/MTT Norfolk	48764	1	0	0	0	0	0
COMFLTACT Okinawa	62254	1	0	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV 64 USS Constellation	03364	1	0	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0	0
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0	0
LHD 6 USS Bonhomme Richard	22202	1	0	0	0	0	0
LHD 7 USS Iwo Jima	23027	0	0	0	0	1	0
NAF EI Centro	60042	1	0	0	0	0	0
NAS Lemoore	63042	1	0	0	0	0	0
NAS Point Mugu	0429A	1	0	0	0	0	0
NAWCWD Point Mugu	63126	1	0	0	0	0	0
TOTAL:		42	0	0	0	1	0
FLEET SUPPORT ACTIVITIES - USMC							
2nd MAW, MCAS Cherry Point	57080	1	0	0	0	0	0

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

SOURCE: USN: Total Force Manpower Management System
 USMC: Extract from Table of Manpower Requirements, TFS, MCCDC

DATE: 4/19/99
DATE: 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
4th MAW, NAS New Orleans	67021	1	0	0	0	0	0
Blount Island, NAS Jacksonville	32264	1	0	0	0	0	0
H&HS, MCAS Beaufort	04017	1	0	0	0	0	0
H&HS, MCAS Cherry Point	09037	1	0	0	0	0	0
H&HS, MCAS New River	02021	1	0	0	0	0	0
MALS-14, MCAS Cherry Point	09114	1	0	0	0	0	0
MALS-26, MCAS New River	09167	1	0	0	0	0	0
MALS-29, MCAS New River	52841	1	0	0	0	0	0
MALS-31, MCAS Beaufort	09131	1	0	0	0	0	0
MALS-42, JRB Marietta Georgia	09513	1	0	0	0	0	0
MALS-49, JRB Stewart New York	55555	1	0	0	0	0	0
MASD, Andrews AFB	65027	1	0	0	0	0	0
1st MAW, MCAS Okinawa	57079	1	0	0	0	0	0
3rd MAW, MCAS Miramar	00300	1	0	0	0	0	0
H&HS, MCAS Camp Pendleton	27604	1	0	0	0	0	0
H&HS, MCAS Futenma	63026	1	0	0	0	0	0
H&HS, MCAS Iwakuni	52991	1	0	0	0	0	0
H&HS, MCAS Miramar	31200	1	0	0	0	0	0
H&HS, MCAS Yuma	62974	1	0	0	0	0	0
MAD China Lake	67852	1	0	0	0	0	0
MALS-11, MCAS Miramar	09111	1	0	0	0	0	0
MALS-12, MCAS Iwakuni	09112	1	0	0	0	0	0
MALS-13, MCAS Yuma	57082	1	0	0	0	0	0
MALS-16, MCAS Miramar	55583	1	0	0	0	0	0
MALS-36, MCAS Okinawa	09136	1	0	0	0	0	0
MALS-39, MCAS Camp Pendleton	09808	1	0	0	0	0	0
MALS-41, JRB Fort Worth	08944	1	0	0	0	0	0
MALS-46, MCAS Miramar	09376	1	0	0	0	0	0
MALSE, MCAS Kaneohe	31947	1	0	0	0	0	0
MCAF, MCAS Kaneohe	31498	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-461, MCAS New River, 09582					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-464, MCAS New River, 53935					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-772, JRB Willow Grove, 09490					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMLA-167, MCAS New River, 09898					
USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-269, MCAS New River, 08998					
USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-773, NAS Atlanta, 09431					
USMC	0	4		6541	
AR	0	8		6541	
ACTIVITY TOTAL:	0	12			
HMLA-775 DET A, NAS New Orleans, 09415					
USMC	0	2		6541	
AR	0	4		6541	
ACTIVITY TOTAL:	0	6			
HMLA-775, MCAS Camp Pendleton, 55252					
USMC	0	4		6541	
AR	0	8		6541	
ACTIVITY TOTAL:	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			
HMM-162, MCAS New River, 09492 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-261, MCAS New River, 09441 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-263, MCAS New River, 09445 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-264, MCAS New River, 09374 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-266, MCAS New River, 53972 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-365, MCAS New River, 53923 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-774, NS Norfolk, 09430 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMT-303, MCAS Camp Pendleton, 55176 USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
MALS Augment, MCAS Beaufort, 67863 USMC	0	11		6541	
ACTIVITY TOTAL:	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			
MAWTS-1, MCAS Yuma, 55167					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
VFA-106, NAS Oceana, 09679					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMA-223, MCAS Cherry Point, 09438					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-231, MCAS Cherry Point, 52948					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-542, MCAS Cherry Point, 52847					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMAQ-1, MCAS Cherry Point, 41345					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-2, MCAS Cherry Point, 42362					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-3, MCAS Cherry Point, 42363					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-4, MCAS Cherry Point, 67837					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

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			
VMAT-203, MCAS Cherry Point, 45483					
USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
VMFA(AW)-224, MCAS Beaufort, 09439					
USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-332, MCAS Beaufort, 09501					
USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-553, MCAS Beaufort, 09193					
USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA-115, MCAS Beaufort, 09234					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-122, MCAS Beaufort, 09407					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-142, NAS Jacksonville, 08966					
USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
VMFA-251, MCAS Beaufort, 09241					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-312, MCAS Beaufort, 09253					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			

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			
VMFA-321, Andrews AFB, 09265					
USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
HMH-361, MCAS Miramar, 09446					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-362, MCB Hawaii, 09495					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-363, MCB Hawaii, 09496					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-366, MCB Hawaii, 55650					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-462, MCAS Miramar, 09349					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-463, MCB Hawaii, 09010					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-465, MCAS Miramar, 53936					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-466, MCAS Miramar, 53998					
USMC	0	6		6541	
ACTIVITY TOTAL:	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			
HMH-769, Edwards AFB, 09487 AR	0	1		6541	
ACTIVITY TOTAL:	0	1			
HMLA-169, MCAS Camp Pendleton, 09202 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-267, MCAS Camp Pendleton, 09159 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-367, MCAS Camp Pendleton, 09079 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-369, MCAS Camp Pendleton, 09361 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMM-161, MCAS Miramar, 09440 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-163, MCAS Miramar, 09405 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-164, MCAS Miramar, 09408 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-165, MCAS Miramar, 09343 USMC	0	2		6541	
ACTIVITY TOTAL:	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			
HMM-166, MCAS Miramar, 53973 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-262, MCAS Okinawa, 09442 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-265, MCAS Okinawa, 09404 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-268, MCAS Camp Pendleton, 52790 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-364, MCAS Camp Pendleton, 09793 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-764, Edwards AFB, 09402 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
MALS Augment, MCAS Miramar, 09116 USMC	0	4		6541	
	0	5		6541	
ACTIVITY TOTAL:	0	9			
VAQ-129, NAS Whidbey, 09995 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VFA-125, NAS Lemoore, 09485 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

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-211, MCAS Yuma, 09412 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-214, MCAS Yuma, 09436 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-311, MCAS Yuma, 09416 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-513, MCAS Yuma, 09231 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMFA(AW)-121, MCAS Miramar, 09257 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-225, MCAS Miramar, 09232 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-242, MCAS Miramar, 09668 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA-112, JRB Fort Worth, 08954 USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
VMFA-134, MCAS Miramar, 09365 USMC	0	7		6541	
AR	0	3		6541	
ACTIVITY TOTAL:	0	10			

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			
VMFA-212, MCAS Iwakuni, 09434					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-232, MCAS Miramar, 09242					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-314, MCAS Miramar, 09230					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-323, MCAS Miramar, 09235					
AR	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFAT-101, MCAS Miramar, 09965					
USMC	0	9		6541	
ACTIVITY TOTAL:	0	9			
FLEET SUPPORT ACTIVITIES - NAVY					
AFLOATRAGRU Norfolk CSTG, 49085					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
COMNAVAIRLANT, 57012					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
COMSTKFITWINGLANT Det, MCAS Beaufort, 3006A					
ACDU	0	16		6801	
ACTIVITY TOTAL:	0	16			
CV 67 USS John F. Kennedy, 03367					
ACDU	0	11		6801	
TAR	0	1		6801	
ACTIVITY TOTAL:	0	12			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 65 USS Enterprise, 03365					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 69 USS Dwight D. Eisenhower, 03369					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 71 USS Theodore Roosevelt, 21247					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 73 USS George Washington, 21412					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 75 USS Harry S. Truman, 21853					
ACDU	0	10		6801	
ACTIVITY TOTAL:	0	10			
FASOTRAGRULANT, 09810					
ACDU	0	2		6801	9502
ACTIVITY TOTAL:	0	2			
LHA 2 USS Saipan, 20632					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 4 USS Nassau, 20725					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 1 USS Wasp, 21560					
ACDU	0	2		6801	
ACTIVITY TOTAL:	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			
LHD 3 USS Kearsarge, 21700					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 5 USS Bataan, 21879					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
MCS 12 USS Inchon, 20009					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
NAF Mildenhall, 57032					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
NAS Brunswick, 60087					
ACDU	0	8		6801	
	0	1		6810	6801
ACTIVITY TOTAL:	0	9			
NAS Keflavik, 63032					
ACDU	0	3		6801	
	0	1		6810	6801
	0	1		0812	6801
ACTIVITY TOTAL:	0	5			
NAS Oceana, 60191					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			
NATMSACT Kingsville, 49149					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			

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			
NAVAIRWP-MAINTUN, 52821					
ACDU	0	23		6801	
ACTIVITY TOTAL:	0	23			
NAVSTKAIR TESTRON, 39783					
ACDU	0	12		6801	
	0	2		6801	8845
	0	1		6801	9590
ACTIVITY TOTAL:	0	15			
Ordnance Det Oceana, 31279					
ACDU	0	33		6801	
ACTIVITY TOTAL:	0	33			
SURFLANT AVORD/MTT Norfolk, 48764					
ACDU	0	5		6801	
ACTIVITY TOTAL:	0	5			
COMFLTACT Okinawa, 62254					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
CV 63 USS Kitty Hawk, 03363					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CV 64 USS Constellation, 03364					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 68 USS Nimitz, 03368					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 70 USS Carl Vinson, 20993					
ACDU	0	11		6801	
ACTIVITY TOTAL:	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			
CVN 72 USS Abraham Lincoln, 21297					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 74 USS John C. Stennis, 21847					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
LHA 1 USS Tarawa, 20550					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 3 USS Belleau Wood, 20633					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 5 USS Peleliu, 20748					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 2 USS Essex, 21533					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 4 USS Boxer, 21808					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 6 USS Bonhomme Richard, 22202					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 7 USS Iwo Jima, 23027, FY03 Increment					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			

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			
NAF EI Centro, 60042					
ACDU	0	7		6801	
ACTIVITY TOTAL:	0	7			
NAS Lemoore, 63042					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			
NAS Point Mugu, 0429A					
ACDU	0	18		6801	
	0	1		8345	6801
ACTIVITY TOTAL:	0	19			
NAWCWD Point Mugu, 63126					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
FLEET SUPPORT ACTIVITIES - USMC					
2nd MAW, MCAS Cherry Point, 57080					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
4th MAW, NAS New Orleans, 67021					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
Blount Island, NAS Jacksonville, 32264					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
H&HS, MCAS Beaufort, 04017					
USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
H&HS, MCAS Cherry Point, 09037					
USMC	0	17		6541	
ACTIVITY TOTAL:	0	17			

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 New River, 02021					
USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
MALS-14, MCAS Cherry Point, 09114					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-26, MCAS New River, 09167					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-29, MCAS New River, 52841					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-31, MCAS Beaufort, 09131					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-42, JRB Marietta Georgia, 09513					
USMC	0	2		6541	
AR	0	10		6541	
ACTIVITY TOTAL:	0	12			
MALS-49, JRB Stewart New York, 55555					
USMC	0	4		6541	
AR	0	8		6541	
ACTIVITY TOTAL:	0	12			
MASD, Andrews AFB, 65027					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

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			
1st MAW, MCAS Okinawa, 57079 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
3rd MAW, MCAS Miramar, 00300 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
H&HS, MCAS Camp Pendleton, 27604 USMC	0	9		6541	
ACTIVITY TOTAL:	0	9			
H&HS, MCAS Futenma, 63026 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
H&HS, MCAS Iwakuni, 52991 USMC	0	7		6541	
ACTIVITY TOTAL:	0	7			
H&HS, MCAS Miramar, 31200 USMC	0	8		6541	
ACTIVITY TOTAL:	0	8			
H&HS, MCAS Yuma, 62974 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
MAD China Lake, 67852 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
MALS-11, MCAS Miramar, 09111 USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			

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-12, MCAS Iwakuni, 09112					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-13, MCAS Yuma, 57082					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-16, MCAS Miramar, 55583					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-36, MCAS Okinawa, 09136					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-39, MCAS Camp Pendleton, 09808					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-41, JRB Fort Worth, 08944					
USMC	0	5		6541	
AR	0	39		6541	
ACTIVITY TOTAL:	0	44			
MALS-46, MCAS Miramar, 09376					
USMC	0	2		6541	
AR	0	42		6541	
ACTIVITY TOTAL:	0	44			
MALSE, MCAS Kaneohe, 31947					
USMC	0	4		6541	
ACTIVITY TOTAL:	0	4			
MCAF, MCAS Kaneohe, 31498					
USMC	0	7		6541	
ACTIVITY TOTAL:	0	7			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY OPERATIONAL ACTIVITIES - USMC													
	6541		3		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
	6541		480		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR													
	6541		55		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
	6801		317		0		0		0		3		0
	6801	8845	2		0		0		0		0		0
	6801	9502	2		0		0		0		0		0
	6801	9590	1		0		0		0		0		0
	6810	6801	2		0		0		0		0		0
	0812	6801	1		0		0		0		0		0
	8345	6801	1		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR													
	6801		1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC													
	6541		383		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR													
	6541		99		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		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SUMMARY TOTALS:													
NAVY OPERATIONAL ACTIVITIES - USMC													
		3		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - USMC													
		480		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - AR													
		55		0		0		0		0		0	
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
		326		0		0		0		3		0	
NAVY FLEET SUPPORT ACTIVITIES - TAR													
		1		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
		383		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - AR													
		99		0		0		0		0		0	
GRAND TOTALS:													
NAVY - ACDU													
		326		0		0		0		3		0	
NAVY - TAR													
		1		0		0		0		0		0	
NAVY - USMC													
		3		0		0		0		0		0	
USMC - USMC													
		863		0		0		0		0		0	
USMC - AR													
		154		0		0		0		0		0	

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

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 4030 NAMTRAGRU DET, NS Mayport, 39470

INSTRUCTOR BILLETS

ACDU	6801	9502	0	3	0	3	0	3	0	3	0	3	0	3
TOTAL:			0	3	0	3	0	3	0	3	0	3	0	3

TRAINING ACTIVITY, LOCATION, UIC: MTU 4032 NAMTRAGRU DET, Norfolk, 66046

INSTRUCTOR BILLETS

ACDU	6801	9502	0	4	0	4	0	4	0	4	0	4	0	4
TOTAL:			0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: MTU 4033 NAMTRADRU DET, North Island, 66065

INSTRUCTOR BILLETS

ACDU	6801	9502	0	4	0	4	0	4	0	4	0	4	0	4
TOTAL:			0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: MTU 4035 NAMTRAGRU DET, Whidbey Island, 66058

INSTRUCTOR BILLETS

ACDU	6801	9502	0	5	0	5	0	5	0	5	0	5	0	5
TOTAL:			0	5	0	5	0	5	0	5	0	5	0	5

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

DESIG RATING	PNEC/SNEC		PFYs		CFY00		FY01		FY02		FY03		FY04	
	PMOS/SMOS		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: VMAT 203 FREST, MCAS Cherry Point, 45483

INSTRUCTOR BILLETS

ACDU	6801	9502	0	1	0	1	0	1	0	1	0	1	0	1
USMC	6541		0	23	0	23	0	23	0	23	0	23	0	23
TOTAL:			0	24	0	24	0	24	0	24	0	24	0	24

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4030 NAMTRAGRU DET, NS Mayport, 39470	NAVY		2.5	2.5		2.5		2.5		2.5		2.5	
MTU 4032 NAMTRAGRU DET, Norfolk, 66046	NAVY		6.6	6.6		6.6		6.6		6.6		6.6	
MTU 4033 NAMTRADRU DET, North Island, 66065	NAVY		3.8	2.5		2.5		2.5		2.5		2.5	
MTU 4035 NAMTRAGRU DET, Whidbey Island, 66058	NAVY		1.1	2.4		2.4		2.6		2.8		2.6	
VMAT 203 FREST, MCAS Cherry Point, 45483	USMC		55.6	55.6		55.6		55.6		55.6		55.6	
SUMMARY TOTALS:													
	NAVY		14.0	14.0		14.0		14.2		14.4		14.2	
	USMC		55.6	55.6		55.6		55.6		55.6		55.6	
GRAND TOTALS:													
			69.6	69.6		69.6		69.8		70.0		69.8	

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/- CUM	FY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM
------------------	---------------	---------------	----------------	------------------	-----------------	-----------------	-----------------	-----------------

a. OFFICER - USN - Not Applicable

b. ENLISTED - USN

Fleet Support Billets ACDU and TAR

6801			1	0	1	0	1	0	1	0	1	0	1
6801			317	0	317	0	317	0	317	3	320	0	320
6801	8845		2	0	2	0	2	0	2	0	2	0	2
6801	9502		2	0	2	0	2	0	2	0	2	0	2
6801	9590		1	0	1	0	1	0	1	0	1	0	1
6810	6801		2	0	2	0	2	0	2	0	2	0	2
0812	6801		1	0	1	0	1	0	1	0	1	0	1
8345	6801		1	0	1	0	1	0	1	0	1	0	1

Staff Billets ACDU and TAR

6801	9502		17	0	17	0	17	0	17	0	17	0	17
------	------	--	----	---	----	---	----	---	----	---	----	---	----

Chargeable Student Billets ACDU and TAR

			14	0	14	0	14	0	14	0	14	0	14
--	--	--	----	---	----	---	----	---	----	---	----	---	----

TOTAL USN ENLISTED BILLETS:

Fleet Support			327	0	327	0	327	0	327	3	330	0	330
---------------	--	--	-----	---	-----	---	-----	---	-----	---	-----	---	-----

Staff			17	0	17	0	17	0	17	0	17	0	17
-------	--	--	----	---	----	---	----	---	----	---	----	---	----

Chargeable Student			14	0	14	0	14	0	14	0	14	0	14
--------------------	--	--	----	---	----	---	----	---	----	---	----	---	----

c. OFFICER - USMC - Not Applicable

d. ENLISTED - USMC

Operational Billets USMC and AR

6541			538	0	538	0	538	0	538	0	538	0	538
------	--	--	-----	---	-----	---	-----	---	-----	---	-----	---	-----

Fleet Support Billets USMC and AR

6541			482	0	482	0	482	0	482	0	482	0	482
------	--	--	-----	---	-----	---	-----	---	-----	---	-----	---	-----

Staff Billets USMC and AR

6541			23	0	23	0	23	0	23	0	23	0	23
------	--	--	----	---	----	---	----	---	----	---	----	---	----

Chargeable Student Billets USMC and AR

			56	0	56	0	56	0	56	0	56	0	56
--	--	--	----	---	----	---	----	---	----	---	----	---	----

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00		FY01		FY02		FY03		FY04	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM

TOTAL USMC ENLISTED BILLETS:

Operational			538	0	538	0	538	0	538	0	538	0	538
Fleet Support			482	0	482	0	482	0	482	0	482	0	482
Staff			23	0	23	0	23	0	23	0	23	0	23
Chargeable Student			56	0	56	0	56	0	56	0	56	0	56

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-646-7007, General Shipboard / NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 6.2 Weeks **TOUR LENGTH:** Navy: 36 Months
ATTRITION FACTOR: Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4030	NAMTRAGRU	DET, NS Mayport										
	NAVY	ACDU		22		22		22		22		22
MTU 4032	NAMTRAGRU	DET, Norfolk										
	NAVY	ACDU		59		59		59		59		59
		TOTAL:		81		81		81		81		81

CIN, COURSE TITLE: E-646-7007, General Shipboard / NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 6.2 Weeks **TOUR LENGTH:** Navy: 36 Months
ATTRITION FACTOR: Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4033	NAMTRADRU	DET, North Island										
	NAVY	ACDU		22		22		22		22		22
MTU 4035	NAMTRAGRU	DET, Whidbey Island										
	NAVY	ACDU		22		22		23		25		23
		TOTAL:		44		44		45		47		45

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Technician, IMA
COURSE LENGTH: 11.4 Weeks **BACKOUT FACTOR:** 0.23
ATTRITION FACTOR: USMC: 0%

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VMAT 203	FREST, MCAS	Cherry Point										
	USMC	USMC		218		218		218		218		218
		AR		39		39		39		39		39
		TOTAL:		257		257		257		257		257

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AGM-84H SLAM ER Missile and, therefore, are not included in Part III of this NTSP:

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7007, General Shipboard / NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 39470

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	22		22		22		22		22	ATIR
	20		20		20		20		20	Output
	2.5		2.5		2.5		2.5		2.5	AOB
	2.5		2.5		2.5		2.5		2.5	Chargeable

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	59		59		59		59		59	ATIR
	53		53		53		53		53	Output
	6.6		6.6		6.6		6.6		6.6	AOB
	6.6		6.6		6.6		6.6		6.6	Chargeable

CIN, COURSE TITLE: E-646-7007, General Shipboard / NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	22		22		22		22		22	ATIR
	20		20		20		20		20	Output
	2.5		2.5		2.5		2.5		2.5	AOB
	2.5		2.5		2.5		2.5		2.5	Chargeable

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	22		22		23		25		23	ATIR
	20		20		21		23		21	Output
	2.4		2.4		2.6		2.8		2.6	AOB
	2.4		2.4		2.6		2.8		2.6	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Technician, IMA

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC: MCAS Cherry Point, 45483

SOURCE: USMC

STUDENT CATEGORY: USMC - AR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	257		257		257		257		257	ATIR
	257		257		257		257		257	Output
	55.6		55.6		55.6		55.6		55.6	AOB
	55.6		55.6		55.6		55.6		55.6	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AGM-84H SLAM ER Missile and, therefore, are not included in this NTSP.

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 by Course

IV.C.3 Facility Project Summary by Program

Note: This section was tailored to show all training equipment and locations required through out the fleet to train on the AGM-84H SLAM ER Missile.

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

TRAINING ACTIVITY: NATTC
LOCATION, UIC: NAS Pensacola, 63082
CIN, COURSE TITLE: C-646-2011, Aviation Ordnanceman Common Core Class A1
 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1
 C-646-2013, Aviation Ordnanceman Weapons Department Strand Class A1

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	Container, CNU-595/E		1		GFE	Pending
002	Nose Cover Assembly, N/A		1		GFE	Pending
003	ADP Cover, N/A		1		GFE	Pending
004	Data Link Antenna Cover, TBD		1		GFE	Pending
005	Transport Adapters, ADU-801/E		1		GFE	Pending

TRAINING ACTIVITY: MTU-1038 NAMTRAGRUDET
LOCATION, UIC: NAS Lemoore, 66060
CIN, COURSE TITLE: C-646-9973, F/A-18 Stores Management Integrated Organizational Maintenance (Initial)
 C-646-9964, F/A-18 Stores Management Integrated Organizational Maintenance (Career)

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
005	Transport Adapters, ADU-801/E		1		GFE	Pending
006	TAMPS (Tactical Aircraft Mission Planning System), DTC-2		1		GFE	Pending
007	Interface Test Set, AN/AWM-96A		1		GFE	Pending

TRAINING ACTIVITY: MTU-1039 NAMTRAGRUDET
LOCATION, UIC: NAS Oceana, 66047
CIN, COURSE TITLE: C-646-9973, F/A-18 Stores Management Integrated Organizational Maintenance (Initial)
 C-646-9964, F/A-18 Stores Management Integrated Organizational Maintenance (Career)

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
005	Transport Adapters, ADU-801/E		1		GFE	Pending
006	TAMPS (Tactical Aircraft Mission Planning System), DTC-2		1		GFE	Pending
007	Interface Test Set, AN/AWM-96A		1		GFE	Pending

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

TRAINING ACTIVITY: SFWSP
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

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
005	Transport Adapters, ADU-801/E		1		GFE	Pending
006	TAMPS (Tactical Aircraft Mission Planning System), DTC-2		1		GFE	Pending
007	Interface Test Set, AN/AWM-96A		1		GFE	Pending

TRAINING ACTIVITY: SFWSL
LOCATION, UIC: NAS Lemoore, 47084
CIN, COURSE TITLE: D-646-0640, F/A-18 Conventional Weapons Loading
D-646-0647, F/A-18 Conventional Release System Test

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
005	Transport Adapters, ADU-801/E		1		GFE	Pending
006	TAMPS (Tactical Aircraft Mission Planning System), DTC-2		1		GFE	Pending
007	Interface Test Set, AN/AWM-96A		1		GFE	Pending

TRAINING ACTIVITY: MTU-4030 NAMTRAGRUDET
LOCATION, UIC: NS Mayport, 66069
CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	Container, CNU-595/E		1		GFE	Pending
002	Nose Cover Assembly, N/A		1		GFE	Pending
003	ADP Cover, N/A		1		GFE	Pending
004	Data Link Antenna Cover, TBD		1		GFE	Pending
005	Transport Adapters, ADU-801/E		1		GFE	Pending

TRAINING ACTIVITY: MTU-4032 NAMTRAGRUDET
LOCATION, UIC: NAS Norfolk, 66046
CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	Container, CNU-595/E		1		GFE	Pending
002	Nose Cover Assembly, N/A		1		GFE	Pending
003	ADP Cover, N/A		1		GFE	Pending
004	Data Link Antenna Cover, TBD		1		GFE	Pending
005	Transport Adapters, ADU-801/E		1		GFE	Pending

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

TRAINING ACTIVITY: MTU-4033 NAMTRAGRUDET

LOCATION, UIC: NAS North Island, 66065

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

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	Container, CNU-595/E		1		GFE	Pending
002	Nose Cover Assembly, N/A		1		GFE	Pending
003	ADP Cover, N/A		1		GFE	Pending
004	Data Link Antenna Cover, TBD		1		GFE	Pending
005	Transport Adapters, ADU-801/E		1		GFE	Pending

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-84H

DESCRIPTION OF DEVICE: The CATM-84H is an inert, captive flight training missile that permits practice of aircrew pre-launch employment procedures.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
VFA-106/NAS Cecil Feild/09679	1			Pending ¹	D-2A-0601, D-2A-0602 D-2A-0604, D-2A-0606
VFA-125/NAS Lemoore/65559	1			Pending ¹	E-2A-0601, E-2A-0602 E-2A-0603, E-2A-0604 E-2A-0606
NSWC IHD MD/30446	1			Pending ¹	Pipeline Spare
CV POOL LANT	6			Pending ¹	Load/Handling and Capt. Flight
CV POOL PAC	6			Pending ¹	Load/Handling and Capt. Flight
TOTAL:	15				

¹ Existing SLAM CATMs and DATMs at listed training sites will undergo retrofit to the SLAM ER configuration. These training shapes will become available as the retrofit is accomplished.

IV.A.2. TRAINING DEVICES

DEVICE: Dummy Air Training Missile, DATM-84H

DESCRIPTION OF DEVICE: The DATM is physically representative of the AGM-84H. It is a training device to facilitate instruction and familiarization for transporting, handling, loading, and visual inspection procedures for organizational- and intermediate (Fleet)-level training purposes. The DATM is not certified for flight, and is designed for ground training use only. The CATM-AGM-84H is a suitable replacement for the DATM-84H requirement.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
SFWSP/NAS Lemoore/35185	1			Pending ¹	E-646-0640, E-646-0647
SFWSL/NAS Oceana/47084	1			Pending ¹	D-646-0640, D-646-0647
NAMTG MTU 4030/NAS Mayport/66069	1			Pending ¹	C-122-3111, C-646-4108 C-646-4109
NAMTG MTU 4032/NAS Norfolk/66046	1			Pending ¹	C-122-311, C-646-4108 C-646-4109
NAMTGD MTU 4033/NAS North Island/66065	1			Pending ¹	C-122-311, C-646-4108 C-646-4109
MTU-4035 NAMTG NAS Whidbey Island, 66058	1			Pending ¹	C-122-311, C-646-4108 C-646-4109
TOTAL:	6				

IV.A.2. TRAINING DEVICES

DEVICE: Practical Explosive Ordnance Disposal System Trainer (PEST)

DESCRIPTION OF DEVICE: The basic performance requirements for a PEST are: 1) to replicate the external features of tactical missile for visual identification purposes; 2) to possess the same weight and center of gravity as the tactical missile for handling realism; 3) to contain inert explosive train components; and 4) to disassemble identically to the tactical missile (where applicable) in order to practice Render Safe Procedures (RSP). An AGM-84H PEST was never developed nor procured, however, practical training requirements for AGM-84H are currently met through the use of inert tactical missiles and/or components.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
NAVSCOLEOD Eglin AFB, 62640	1			Pending	A-431-0011 A-431-0012
EODTEU ONE NAS Barbers Point, 30202	1			Pending	G-431-0001
EODTEU TWO Fort Story, 43505	1			Pending	G-431-0001

DEVICE: Classroom Explosive Ordnance Disposal System Trainer (CEST)

DESCRIPTION OF DEVICE: The basic performance requirements for a CEST are: 1) to replicate the external features of tactical missile for visual identification purposes; 2) to contain inert explosive train components; and 3) to provide cut-away areas in its exterior in order to view the inert explosive train components for teaching RSPs. An AGM-84H CEST was never developed nor procured; however, classroom training requirements for AGM-84H are currently supported through the use of inert tactical missiles and/or components that have been modified (cut-away) to view internal, inert explosive components.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
NAVSCOLEOD Eglin AFB, 62640	1			Pending	A-431-0011 A-431-0012

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

AGM-84H data is integrated within applicable existing follow-on courses. There are no stand-alone AGM-84H courses.

TRAINING ACTIVITY: VFA-106
LOCATION, UIC: NAS Oceana, 09679
CIN, COURSE TITLE: D-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
 D-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
 D-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
 D-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AGM-84H Brief	1 Set		On Board

TRAINING ACTIVITY: VFA-125
LOCATION, UIC: NAS Lemoore, 09485
CIN, COURSE TITLE: E-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
 E-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
 E-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
 E-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AGM-84H Brief	1 Set		On Board

TRAINING ACTIVITY: Strike Fighter Weapons School Atlantic
LOCATION, UIC: NAS Oceana, 40784
CIN, COURSE TITLE: Strike Fighter Advanced Readiness Program (SFARP)
 Strike Fighter Weapons Employment (SFWE)

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AGM-84H Brief	1 Set		On Board

TRAINING ACTIVITY: Strike Fighter Weapons School Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: Strike Fighter Advanced Readiness Program (SFARP)
 Strike Fighter Weapons Employment (SFWE)

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AGM-84H Brief	1 Set		On Board

TRAINING ACTIVITY: Naval Strike and Air Warfare Center N7 (Topgun)
LOCATION, UIC: NAS Fallon, 69190
CIN, COURSE TITLE: Strike Fighter Training Program (SFTP)
 Strike Fighter Tactics Instructor (SFTI)
 Strike Fighter Weapons and Tactics (SFWT)

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AGM-84H Brief	1 Set		On Board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: NATTC
LOCATION, UIC: NAS Pensacola, 63082
CIN, COURSE TITLE: C-646-2011, Aviation Ordnance Common Core Class A1
 C-646-2012, Aviation Ordnance Airwing Strand Class A1
 C-646-2013, Aviation Ordnance Weapons Department Strand Class A1

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

TRAINING ACTIVITY: MTU 1039 NAMTRAGRUDET
LOCATION, UIC: NAS Oceana, 66050
CIN, COURSE TITLE: C-646-9973, F/A-18 Stores Management System Initial Organizational Maintenance
 C-646-9974, F/A-18 Stores Management System Career Organizational Maintenance

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

TRAINING ACTIVITY: MTU 1038 NAMTRAGRUDET
LOCATION, UIC: NAS Lemoore, 66060
CIN, COURSE TITLE: C-646-9973, F/A-18 Stores Management System Organizational Maintenance (Initial)
 C-646-9974, F/A-18 Stores Management System Organizational Maintenance (Career)

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

TRAINING ACTIVITY: MTU 4030 NAMTRAGRUDET
LOCATION, UIC: NS Mayport, 66069
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

TRAINING ACTIVITY: MTU 4035 NAMTRAGRUDET
LOCATION, UIC: NAS Whidbey Island, 66068
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H Training Package	1 Set		On Board

TRAINING ACTIVITY: NAVSCOLEOD
LOCATION, UIC: Eglin AFB, 62640
CIN, COURSE TITLE: A-431-0011, EOD Phase II (Navy)
A-431-0012, EOD Phase II

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H RSP Data	1 Set		On Board

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H RSP Data	1 Set		On Board

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AGM-84H RSP Data	1 Set		On Board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VFA-106
LOCATION, UIC: NAS Oceana, 09679
CIN, COURSE TITLE: D-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
 D-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
 D-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
 D-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On board
Airborne Weapons/Stores Loading Manual, A1-F18AE-LWS-000	Hard copy	6		On Board

TRAINING ACTIVITY: VFA-125
LOCATION, UIC: NAS Lemoore, 65559
CIN, COURSE TITLE: E-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
 E-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
 E-2A-0603, F/A-18 Fleet Replacement Pilot Cat 2F
 E-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
 E-2A-0605, F/A-18 Fleet Replacement Pilot Cat 2H
 E-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On board
Airborne Weapons/Stores Loading Manual, A1-F18AE-LWS-000	Hard copy	6		On Board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: NATTC
LOCATION, UIC: NAS Pensacola, 63082
CIN, COURSE TITLE: C-646-2010, AO A1 School

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Approved Handling Equipment for Weapons & Explosives Vol. 1, 2, NAVSEA OP-2173	Hard copy	8		On board
F-18 Aircraft Airborne Weapons Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On board
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard), NA 19-95-1	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based), NA 19-95-3	Hard copy	8		On board
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On board
Ammunition and Explosives - Afloat, NAVSEA OP-4	Hard copy	8		On board
Ammunition and Explosives - Ashore, NAVSEA OP-5	Hard copy	8		On board

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

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On board

TRAINING ACTIVITY: Strike Fighter Weapons School Atlantic (SFWSL)
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: E-646-0647, F/A-18 Conventional Weapons Release Systems Test

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

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

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On board

TRAINING ACTIVITY: MTU 1039 NAMTRAGRUDET
LOCATION, UIC: NAS Oceana, 66050
CIN, COURSE TITLE: D-646-9947, F/A-18 Stores Management Integrated Organizational Maintenance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On board

TRAINING ACTIVITY: MTU 1038 NAMTRAGRUDET
LOCATION, UIC: NAS Lemoore, 66060
CIN, COURSE TITLE: E-646-9947, F/A-18 Stores Management Integrated Organizational Maintenance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4030 NAMTRAGRUDET
LOCATION, UIC: NAS Mayport, 66069
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missile "I" Maintenance
 C-646-4108, Weapons Dept Air Launched Weapons Supervisors
 C-646-4109, Weapons Dept Air Launched Weapons General Ordnance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore based), NA 19-95-1	Hard copy	8		On board
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On board
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading, NA 19-95-3	Hard copy	8		On board
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On board
NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. 1, 2	Hard copy	8		On board

TRAINING ACTIVITY: MTU 4032 NAMTRAGRUDET
LOCATION, UIC: NAS Norfolk, 66046
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missile "I" Maintenance
 C-646-4108, Weapons Dept Air Launched Weapons Supervisors
 C-646-4109, Weapons Dept Air Launched Weapons General Ordnance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard), NA 19-95-1	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based), NA 19-95-3	Hard copy	8		On board
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On board
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On board
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On board
NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. 1, 2	Hard copy	8		On board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4033 NAMTRAGRUDET
LOCATION, UIC: NAS North Island, 66065
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missile "I" Maintenance
 C-646-4108, Weapons Dept Air Launched Weapons Supervisors
 C-646-4109, Weapons Dept Air Launched Weapons General Ordnance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard), NA 19-95-1	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based), NA 19-95-3	Hard copy	8		On board
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On board
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On board
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On board
NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. 1, 2	Hard copy	8		On board

TRAINING ACTIVITY: MTU 4035 NAMTRAGRUDET
LOCATION, UIC: NAS Whidbey Island, 66068
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missile "I" Maintenance
 C-646-4108, Weapons Dept Air Launched Weapons Supervisors
 C-646-4109, Weapons Dept Air Launched Weapons General Ordnance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard), NA 19-95-1	Hard copy	8		On board
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based), NA 19-95-3	Hard copy	8		On board
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On board
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On board
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On board
NAVSEA OP-2173, Approved Handling Equipment for Weapons and Explosives Vol. 1, 2	Hard copy	8		On board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

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

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
NAVSEA OP-5, Ammunitions and Explosives Ashore	Hard copy	8		On board
Airborne Weapons/Stores, NA 19-95-3	Hard copy	8		On board
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, NA A1-F18AC-LWS-000	Hard copy	8		On board

TRAINING ACTIVITY: EODTEU ONE
LOCATION, UIC: NAS Barbers Point, 30202
CIN, COURSE TITLE: G-431-0001, EOD Pre-deployment Team Training
 G-431-0003, EOD Shore Detachment Training
 G-431-0005, EOD Mobile Team Training

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
NAVSEA OP-5, Ammunitions and Explosives Ashore	Hard copy	8		On board
Airborne Weapons/Stores, NA 19-95-3	Hard copy	8		On board
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, NA A1-F18AC-LWS-000	Hard copy	8		On board

TRAINING ACTIVITY: EODTEU TWO
LOCATION, UIC: Fort Story, 43505
CIN, COURSE TITLE: G-431-0001, EOD Pre-deployment Team Training
 G-431-0003, EOD Shore Detachment Training
 G-431-0005, EOD Mobile Team Training

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
NAVSEA OP-5, Ammunitions and Explosives Ashore	Hard copy	8		On board
Airborne Weapons/Stores, NA 19-95-3	Hard copy	8		On board
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, NA A1-F18AC-LWS-000	Hard copy	8		On board

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
DA	Achieve Material Support Date	June 99	Complete
DA	Initial Operating Capability	April 00	Pending
TSA	Begin Initial Training	July 99	Complete
PDA	Analyze MPT requirements	FY 94	Complete
PDA	Production Contract Awarded (N00019-95-C-0121)	Mar 95	Complete
PDA	Promulgate Draft NTP for Review	Jan 96	Complete
ACNO (MPT)	Approve and Promulgate NTP	May 96	Complete
TSA	Award Factory Training and Curriculum Material Contract	FY96	Complete
PDA	Promulgate ILS Master Plan	FY98	Complete
ACNO (MPT)	Develop Update NTSP	FY99	Complete
PDA	Promulgate Draft NTSP for Review	Jan 00	In Process
PDA	Submit Proposed NTSP to OPNAV	FY00	Pending
ACNO (MPT)	Approve Updated NTSP	FY00	Pending

PART VI - DECISION ITEMS/ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
No Action Items Pending			

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
CAPT James Woolway Head, Plans, Policy, and Fleet Maintenance Support CNO, N881B woolway.james@hq.navy.mil	COMM: (703) 604-7747 DSN: 664-7747 FAX: (703) 604-6972
CAPT Thomas Vandenberg Head, Aviation Technical Training Branch CNO, N889H vandenberg.thomas@hq.navy.mil	COMM: (703) 604-7730 DSN: 664-7730 FAX: (703) 604-6939
LCDR Robert Vance Resource Sponsor/ Program Sponsor CNO, N880C7 vance.robert@hq.navy.mil	COMM: (703) 695-1841 DSN: 225-1841 FAX: (703) 693-8823
AZC Scott Dean NTSP Manager CNO, N889H7 dean.scott@hq.navy.mil	COMM: (703) 604-7714 DSN: 664-7714 FAX: (703) 604-6939
LCDR Gary Swain Head, Aviation Manpower CNO, N122C1 n122c1@bupers.navy.mil	COMM: (703) 695-3247 DSN: 225-3247 FAX: (703) 614-5308
Mr. Robert Zweibel Training Technology Policy CNO, N751 zweibel.robert@hq.navy.mil	COMM: (703) 614-1344 DSN: 224-1344 FAX: (703) 695-5698
COL Dennis Bartels Branch Head, USMC Aviation Manpower Management CMC, ASM-1 bartelsd@hqmc.usmc.mil	COMM: (703) 614-1244 DSN: 224-1244 FAX: (703) 614-1309
CDR Robert Mason Aviation NTSP Manager CINCLANTFLT, N-721 masonrf@clf.navy.mil	COMM: (757) 836-0101 DSN: 836-0101 FAX: (757) 836-0141
Mr. Bob Long Deputy Director for Training CINCPACFLT, N70 u70@cpf.navy.mil	COMM: (808) 471-8513 DSN: 315-471-8513 FAX: (808) 471-8596
CAPT Anthony J. Benn Program Manager PEO (CU), PMA258 bennaj@navair.navy.mil	COMM: (301) 757-6094 DSN: 757-6094 FAX: (301) 757-6099

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
Mr. Steve Dowling SLAM Team Leader PEO(CU), PMA258-B1 dowlings@navair.navy.mil	COMM (301) 757-6078 DSN 757-6078 FAX (301) 757-6097
Mr. Laval Mallard SLAM / SLAM ER APM PEO(CU), PMA258-B12 mallardll@navair.navy.mil	COMM (301) 757 6081 DSN 757-6081 FAX (301) 757-6097
Ms. Cynthia Murphy SLAM / SLAM ER Assistant Program Manager, Logistics NAVAIRSYSCOM, AIR 3.1.3.1 murphycl@navair.navy.mil	COMM (301) 757-6082 DSN 757-6082 FAX (301) 301-6099
Mr. Dwight Jantzen SLAM / SLAM ER Deputy Assistant Program Manager, Logistics NAVAIRSYSCOM, AIR 3.1.3.1.E jantzendc@navair.navy.mil	COMM (301) 757 6077 DSN 757-6077 FAX (301) 757 6097
Mr. William R. Laray Assistant Program Manager, Training Systems NAVAIRSYSCOM, PMA205-3H laraywr@navair.navy.mil	COMM (301) 757-8109 DSN 757-8109 FAX (301) 757-6097
CDR Joe Capstaff Class Desk NAVAIRSYSCOM, AIR 4.7.AD capstaffjg@navair.navy.mil	COMM (301) 757-6089 DSN 757-6089 FAX (301) 757-6097
Mr. Avie Balekian HPN / SLAM T&E Manager NAWCWPNSDIV PM, 4KLEOE balekianaf@navair.navy.mil	COMM (805) 989-0851 DSN 351- 0851 FAX (805) 989-0814
Mr. Mike Moore Deputy CLE NAWCWPNSDIV CL, 313100D moorep@navair.navy.mil	COMM (760) 939-4220 DSN 760-4220 FAX (760) 939-3177
Mr. Dee Rochester TM/TD NAWCWPNSDIV CL, 331000D rochesterid@navair.navy.mil	COMM (760) 939-4485 DSN 760-4485 FAX (760) 939-4696
CAPT Robert Gibson Deputy Assistant, Chief of Military Personnel for Distribution NAVPERSCOM, PERS-4B p4b@persnet.navy.mil	COMM: (901) 874-3529 DSN: 882-3529 FAX: (901) 874-2606

PART VII - POINTS OF CONTACT

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>LCDR Johnny King Weapons Officer COMNAVAIRRESFOR, N3W kingjc@cnrf.nola.navy.mil</p>	<p>COMM: (504) 678-6846 DSN: 678-6846 FAX: (504) 678-1442</p>
<p>MAJ Jon Doering Head, ACE Branch, TFS Division MCCDC, C5325A doeringjg@mccdc.usmc.mil</p>	<p>COMM: (703) 784-6241 DSN: 278-6241 FAX: (703) 784-6072</p>
<p>Mr. Steve Berk CNET NTSP Distribution CNET ETS-23 stephen.berk@smtp.cnet.navy.mil</p>	<p>COMM: (850) 452-8919 DSN: 922-8919 FAX: (850) 452-4853</p>
<p>AOCS William Harrison Air Launched Weapons Technical Coordinator NAMTRAGRU, N2412 harrisonwilliamc@smtp.cnet.navy.mil</p>	<p>COMM (850) 452-9787 DSN 922-9787 FAX (850) 452-9769</p>
<p>Mr. Stan Kang Training Systems Program Manager SMTI skang@aol.com</p>	<p>COMM (703) 294-6448 ext. 13 DSN 757-8109 FAX (301) 757-6097</p>
<p>Mr. Phil Szczyglowski Competency Manager NAVAIRSYSCOM, AIR 3.4.1.1 szczyglowspr@navair.navy.mil</p>	<p>COMM: (301) 757-9182 DSN: 757-9182 FAX: (301) 342-4723</p>
<p>Mr. Bob Kresge NTSP Manager NAVAIRSYSCOM, AIR 3.4.1.1 kresgerj@navair.navy.mil</p>	<p>COMM: (301) 757-9174 DSN: 757-9174 FAX: (301) 342-4723</p>
<p>AMCS Greg Johnson NTSP Coordinator NAVAIRSYSCOM, AIR 3.4.1.1 johnsongp@navair.navy.mil</p>	<p>COMM: (301) 757-9188 DSN: 757-9188 FAX: (301) 342-4723</p>
<p>AOCS Wallis Lacey MPT Analyst (NTSP Analyst) NAVAIRSYSCOM, AIR 3.4.1.1 laceywo@navair.navy.mil</p>	<p>COMM: (301) 757-9191 DSN: 757-9191 FAX: (301) 342-4723</p>