

NAVY TRAINING SYSTEM PLAN

FOR THE

AGM-84H/K

STANDOFF LAND ATTACK MISSILE

EXPANDED RESPONSE

AUTOMATIC TARGET ACQUISITION

N78-NTSP-A-50-9502B/P

DECEMBER 2002

**AGM-84H/K STANDOFF LAND ATTACK MISSILE
EXPANDED RESPONSE AUTOMATIC TARGET ACQUISITION**

EXECUTIVE SUMMARY

The Air-to-Ground Missile (AGM)-84H/K Standoff Land Attack Missile Expanded Response (SLAM-ER) Automatic Target Acquisition (ATA) 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.

AGM-84K SLAM-ER is an Acquisition Category II program and an improved variant of the AGM-84H SLAM-ER weapon system. The SLAM-ER ATA system incorporates hardware and software updates to the SLAM-ER All Up Round (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 Man-in-the-Loop (MITL) intervention, allows the operator to return to the MITL mode, and retain the performance of the baseline SLAM-ER system. SLAM-ER ATA will interface with the F/A-18 15C Operational Flight Program (OFP). Fleet release of the SLAM-ER ATA weapon system was completed in FY 02.

AGM-84H SLAM-ER program is currently in the Operations and Support phase of the Defense Acquisition System. The Milestone Decision was approved in May 2000. The SLAM-ER program has developed modification kits that are being installed as a retrofit on all baseline SLAM missiles and all AGM-84H missiles in the inventory.

The planned SLAM-ER inventory is replacing 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 Ordnance Maintenance Management Program, OPNAVINST 8000.16 (series).

The SLAM-ER training concept is divided into organizational and intermediate level maintenance based on OPNAVINST 8000.16 (series). 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.

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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
CEST	Classroom Explosive System Trainer
CMI	Computer Managed Instruction
CNO	Chief of Naval Operations
COMLANTFLT	Commander, United States Atlantic Fleet
COMPACFLT	Commander, United States Pacific Fleet
CVW	Carrier Air Wing
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
FRS	Fleet Readiness Squadron
FY	Fiscal Year
GFE	Government Furnished Equipment
GNU	Guidance Navigation Unit
GPS	Global Positioning System
IIR	Imaging Infrared
ILSP	Integrated Logistics Support Plan

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LIST OF ACRONYMS

IMI	Interactive Multimedia Instruction
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
NAMTRA MARUNIT	Naval Air Maintenance Training Marine Unit
NAMTRAU	Naval Air Maintenance Training Unit
NAR	Naval Ammunition Reclassification Codes
NAS	Naval Air Station
NAVAIR	Naval Air System Command
NAVPERSCOM	Navy Personnel Command
NAVSEA	Naval Sea Systems Command
NEC	Navy Enlisted Classification
NETC	Naval Education and Training Command
NOMMP	Naval Ordnance Maintenance Management Program
NSAWC	Naval Strike Air Warfare Center
NTSP	Navy Training System Plan
OFS	Operational Flight Software
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
PDA	Principal Development Activity

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LIST OF ACRONYMS

PEST	Practical Explosive Ordnance Disposal System Trainer
PMA	Program Manager, Air
PWB	Printed Wiring Board
QUAL/CERT	Qualification and Certification
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
SRA	Shop Replaceable Assembly
TAMPS	Tactical Automated Mission Planning System
TD	Training Device
TTE	Technical Training Equipment
WDL	Weapon Data Link
WRA	Weapon Replaceable Assembly

AGM-84H/K STANDOFF LAND ATTACK MISSILE
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PREFACE

This Proposed Navy Training System Plan (NTSP) for the Air-to-Ground Missile (AGM)-84H/K Standoff Land Attack Missile Expanded Response (SLAM-ER), was developed to update the SLAM-ER draft NTSP, dated November 2002. This NTSP was developed 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 resulting from the Fleet review. Comments were received from the Naval Manpower Analysis Center and are general in nature.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. Nomenclature-Title-Acronym. AGM-84H/K Standoff Land Attack Missile Expanded Response (SLAM-ER) and SLAM-ER Automatic Target Acquisition (ATA) 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 (N781B)
OPO Resource Sponsor.....	CNO (N785D1)
Developing Agency	NAVAIR (PMA258)
Training Agency	COMLANTFLT COMPACFLT COMNAVAIRRESFOR NETC MCCDC
Training Support Agency.....	NAVAIR (PMA205)
Manpower and Personnel Mission Sponsor.....	CNO (N1) NAVPERSCOM (PERS-4, PERS-404)
Director of Naval Training	CNO (N00T)
Marine Corps Force Structure.....	MCCDC (TFS) (C5325)

D. SYSTEM DESCRIPTION

1. Operational Uses. Launched from an F/A-18 Aircraft, the AGM-84H/K. SLAM-ER and SLAM-ER ATA satisfies 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 provides 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) for the AGM-84H 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.

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 Automated 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 was 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.

DT for AGM-84K was initiated in January 2001, and was successfully completed in April 2001.

A combined DT and OT phase was completed successfully in October 2001. In February 2001, aircrew training was provided to VX-9 Test and Evaluation Squadron Pilots by NAWCWD Pt. Mugu, in support of the combined DT/OT. LCDR Quinn of VX-9 attended Boeing Simulation Training in May 2001. Mission Planning Team conducted SLAM-ER ATA MPM Training for VX-9 in July 2001.

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/K SLAM-ER and SLAM-ER Automatic Target Acquisition (ATA) 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. SLAM-ER ATA is an enhancement to the AGM-84H/K and provides cueing for the operator to identify small targets in cluttered scenes. The SLAM-ER ATA system incorporates hardware and software updates to the SLAM-ER All Up Round (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, allowing the operator to return to the MITL mode, and retain the performance of the baseline SLAM-ER system. SLAM-ER ATA will interface with the F/A-18 15C Operational Flight Program (OFP). Fleet release of the SLAM-ER ATA weapon system was completed in FY 02.

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 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 using 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.

The GNU Mission Computer (MC) contains the missile Operational Flight Software (OFS), which includes all pre-launch and post-launch software. The OFS contains improvements in pre-launch initialization and post-launch navigation and terminal MITL data link control.

The OFS features new functions related to ATA capability and new speed control software, which unlike SLAM, allows it to control missile speed via an OFS generated signal to the turbojet engine controller.

(3) Automatic Target Acquisition. SLAM-ER incorporates new ATA capability, via the addition of an Automatic Target Recognition (ATR) processor module, including a high-speed unidirectional video link from the seeker unit and a bi-directional RS-422 command and control link from the GNU MC. The SLAM-ER ATR Unit consists of four TMS320C40 digital signal processors, 18 General Pattern Match Parallel Processing Elements, logic for the GNU interface, and a frame grabber to capture images from the Maverick seeker. The overall objective of the SLAM-ER ATR Unit is to match a real-time, sensed image of the specified target to a pre-planned, internal reference image of the specified target. The sensed image is frame grabbed from the Maverick seeker. Data that describes seeker pointing with respect to the, estimate target location at the time of the frame grab is then provided by the GNU. This data is used to modify the preplanned, internal reference image to seeker line of sight. The reference image is then matched to the sensed image and the resulting match pixel location and covariance matrix are sent back to the GNU. The ATA system is an autonomous means to guide the missile to the target, requiring no MITL intervention. MITL commands are, however, capable of overriding and/or interacting with the ATA system if desired.

(4) 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.

(5) 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/K 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:

SLAM-ER DIMENSIONS	
Length	172.0 inches
Diameter	13.5 inches
Wing span	85.9 inches
Weight	1478 pounds

3. New Development Introduction. The SLAM-ER ATA is being introduced as a retrofit to the SLAM and SLAM-ER systems.

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 allows 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 ATA is an improved variant of the SLAM-ER weapon system. The SLAM-ER ATA program has designed and developed a modification that is being installed as a retrofit on all SLAMs and SLAM-ERs 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

The SLAM-ER ATA has incorporated the following modification.

- ATA capability as a cueing aid.
- Anti Surface Warfare (AsuW) capability.

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 have undergone an Engineering Change Proposal (ECP) to incorporate some minor modifications.

c. Standoff Land Attack Missile Expanded Response Mission Planning Module for Tactical Automated Mission Planning System. The SLAM-ER MPM for the TAMPS was developed by Boeing. TAMPS, provides SLAM-ER with a completely computer-based mission planning system. The planner does not use separate Joint Operations Graphic charts, etc. Everything the planner needs is on the TAMPS computer, including charts, Digital Terrain Elevation Data, and GPS capability. This greatly reduces the amount of time needed for SLAM-ER mission planning. With the SLAM-ER MPM on TAMPS, planning time is less than 30 minutes, including mission validation.

ATA target selection occurs in the SLAM-ER ATA MPM for TAMPS. The operator has the capability to define the image selection criteria, query the Joint Service Imaging Process System-Joint Tactical Automated Mission Planning System Interface Module (JTIM) for available imagery, and select the appropriate image. Target selection is performed prior to mission validation adding an additional 5-10 minutes to the SLAM-ER Mission Planning timeline. The SLAM-ER ATA allows the operator to plan the entire mission on the TAMPS computer, including target selection.

d. Memory Unit. The TAMPS is located in the Aircraft Carrier Intelligence Center (CVIC) and is used to transfer mission planning data to the F/A-18 Memory Units (MU) via 1760 interface. Aircraft software is used for purging mission data from the missile. The MU is 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 Multimedia Instruction

(1) Standoff Land Attack Missile Interactive Multimedia Instruction. The SLAM Interactive Multimedia Instruction (IMI) was completed on August 2, 1996 and was distributed to fleet activities. The major tutorial modules of the SLAM IMI are SLAM Weapons System Tutorial, SLAM Mission Planning Tutorial, and SLAM Employment Tutorial. The primary users of the SLAM IMI system are the instructors at Strike Fighter Weapons School (SFWS), Atlantic, and SFWS, 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 IMI 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 IMI was released in November 1999.

(5) SLAM-ER Revision 1.5. SLAM-ER IMI version 1.5 was released in

June 2000.

(6) SLAM-ER ATA. SLAM-ER ATA IMI was released in third quarter of FY02.

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

(1) Exercise Training Missile. Exercise Training Missiles (ATM-84H/K), 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 (TYCOM) by, COMLANTFLT and COMPACFLT 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 ATA CATM is used to train the launch aircrew and the control aircrew for MITL terminal guidance. The SLAM-ER ATA CATM can be carried on all SLAM-ER platforms. SLAM-ER ATA 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 and will fill forward deployed unit requirements.

During FY02 Full Rate Production, five SLAM CATMs were recalled from the fleet and retrofitted to the SLAM-ER ATA configuration. The SLAM-ER ATA CATMs were delivered to the fleet in fourth quarter of CY 2001. The remainder of the SLAM and SLAM-ER CATM population (30) will be retrofitted in subsequent years.

(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, and 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 cannot 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. Upgrades. The SLAM-ER 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 autonomously performs 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 was 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) 8000.16 (series), Naval Ordnance Maintenance Management Program (NOMMP), 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 Sea Systems Command (NAVSEA), 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 (NAR) and Technical Directive Bulletins.

- Visual inspections (special, conditional, preflight, and postflight)
- Preflight on-aircraft functional test
- Attaching screw-on type wings and fins (including replacement of external hardware)
- Compliance with NARs

- Compliance with TD

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).

- Visual inspection (special, conditional, and breakout)
- Attaching screw-on type wings and fins (including replacement of external hardware)
- Breakout, strikeup, and strikedown from/to magazines
- Corrosion control treatment and repainting
- Visual inspection of containers and cradles
- Compliance with NARs
- Compliance with TDs
- Reprogramming
- All-up-round and section testing

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 NAVSEA, 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 (special, conditional, and breakout)
- All-up-round assembly and disassembly
- All-up-round and section testing
- Fault isolation to the section level (including disassembly and assembly)
- Section repair (guidance and control)
- Replacement of warhead components (fuzes and booster, safe/arm devices, firing switches, etc.)
- Replacement of rocket motor components (igniters, exit cones, nozzles, and safe/arm devices)
- Visual inspection and refurbishment of containers and cradles
- Paint touchup and cleaning
- Compliance with NARs
- Compliance with TDs
- Component X-ray

d. Life-Cycle Maintenance Plan. NA

3. Manning Concept. The introduction of the SLAM-ER into the Navy inventory does 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 3500.67 [series]/COMNAVAIRLANTINST 3500.63 [series]) 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 19 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 seven F/A-18 AOs (NEC 8342 or 8842/MOS 6531) and six 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 ATA is a retrofit to the SLAM and SLAM-ER weapon system, SLAM-ER ATA 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 NOMMP, OPNAVINST 8000.16 (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 who are going to an organizational level activity. Career “C” School training is provided for organizational level E-5 and above personnel to enhance skills and knowledge within their field. Intermediate level training is not separated into initial and career training.

a. Initial Training. All the following initial training has been completed. No further initial training is planned. Since SLAM-ER ATA impacts aircrew training only, maintenance training was not provided. The following table lists the formal initial training for SLAM-ER ATA. The target audience for these classes were the first cadre of personnel to support SLAM-ER (i.e. DT/OT personnel), technical support personnel, IMI developers, and Navy instructors (i.e. SFWS instructors, NSAWC instructors, etc.), who are responsible for providing follow-on training to USN personnel.

SLAM-ER INITIAL TRAINING SCHEDULE		
COURSE NUMBER	SUBJECT	COURSEWARE DELIVERY
WS-6AH	Theory of Operations	December 2000
SAO-1A	Aircrew Procedures	December 2000
TMP-1	TAMPS/MPM	December 2000

b. Follow-on Training. Initial Training will be incorporated into existing operator courses as follow-on training. Maintenance and EOD training will not be impacted by the introduction of SLAM-ER ATA. The SLAM-ER ATA causes no changes in the student throughput or chargeable student 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. The current SLAM-ER F/A-18 training track for Inter-Deployment Training Cycle (IDTC) consists of five stages: SFWS ground school, Boeing SLAM-ER Simulator Training, squadron level Captive Air Training Missile (CATM) familiarization flights, NSAWC, Naval Air Station (NAS) Fallon detachment, and SLAM-ER Fleet Exercise Missile Firing.

During IDTC each F/A-18 squadron will designate, two to three aircrew as the SLAM-ER Subject Matter Experts (SME). The SLAM-ER SMEs attend the SFWS for SLAM-ER training, which consists of lectures, Interactive Courseware (ICW), and Part Task Trainer (PTT). The SLAM-ER SMEs attend Boeing SLAM-ER Simulator Training, which consists of Mission Planning, Prelaunch and Launch Operations, and MITL Terminal control. After attending the Boeing SLAM-ER Simulation Training, the SLAM-ER SMEs return to their respective squadrons and fly at least three sorties with the CATM. During the Fallon detachment at NSAWC, SLAM-ER SMEs will conduct Unit Level Training and SLAM-ER strikes during the integrated Carrier Air Wing (CVW) exercise. Finally, some of the SLAM-ER SMEs from

the CVW will be selected to conduct a SLAM-ER Fleet Exercise Missile Firing. The Exercise Missile Firing acts as final end-to-end system check. Once on deployment, the SLAM-ER SMEs will be responsible for providing SLAM-ER training to other aircrew in their respective squadrons on an as required basis.

Eventually, SLAM-ER training will be absorbed into the Strike Fighter Training Program (SFTP). When USMC F/A-18 squadrons are assigned to the CVW, USMC pilots will receive SLAM-ER training as required. 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 has been incorporated in these courses with minimal impact. This caused 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 are being 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) or Naval Air Maintenance Training Marine Unit (NAMTRA MARUNIT) 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 has been incorporated in these courses with minimal impact. This caused 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
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 TDs.

The following courses were updated to include SLAM-ER data and course lengths were not affected.

Title.....	General Shipboard/NAS Weapons Department AORD Maintenance
CIN.....	D/E-646-7007
Model Manager	MTU 4030, Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET), Mayport, Florida
Description	This course will give Aviation Ordnancemen sufficient knowledge/theory of the Sparrow, Sidewinder, Phoenix, Sidarm, Shrike, Maverick, Harpoon, SLAM, HARM, Walleye, TALD, and Air Nitrogen Purifier Units to include: <ul style="list-style-type: none"> ◦ Basic Theory and Maintenance ◦ Safety Precautions ◦ Technical Publications ◦ Missile Reporting Procedures ◦ Container Inspection ◦ Weapons Breakout/Inspection <p>Upon completion the student will be able to perform, under close supervision in the CV/CVN, LPA/LHA, and NAS working environment.</p>

Locations MTU 4030, NAMTRAGRU DET, Mayport, Florida
 MTU 4032, Naval Air Maintenance Training Unit
 (NAMTRAU), Norfolk, Virginia
 MTU 4033, NAMTRAU, North Island, California
 MTU 4035, NAMTRAU, Whidbey Island, Washington

Length 43 days

RFT date Currently available

Skill identifier AO 6801

TTE/TD See element IV.A.1 for Technical Training Equipment (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

Model Manager ... NAMTRA MARUNIT, Marine Corps Air Station (MCAS)
 Cherry Point North Carolina

Description This course provides USMC ordnance personnel with
 knowledge required to work on ordnance/armament equipment
 to include:

- ° Basic theory
- ° Safety precautions
- ° Technical publications
- ° Missile/launcher reporting procedures

Upon completion, the student will have sufficient
 knowledge/theory to be able to perform in the MALS
 environment under close supervision.

Location MTU 4034 NAMTRA MARUNIT, MCAS Cherry Point

Length 79 days

RFT date Currently available

Skill identifier MOS 6541 award upon completion of track M-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 is being incorporated in these courses with minimal impact. This caused 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 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 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

TRACK NUMBER	TRACK TITLE
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. Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace Maintenance Training Improvement Program (MTIP). AMTCS is scheduled to begin full implementation for fleet deployment in Fiscal Year (FY) 03.

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: IMI for the technicians in the Fleet in the form of 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, an IMI system that will host CMI and CAI. 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 are being updated.

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.

a. Explosive Handling Qualification and Certification Program. The Ammunition and Explosive Handling Qualification and Certification (QUAL/CERT) Program is implemented by OPNAVINST 8020.14 and MCO P8020.11. To minimize the probability of mishap, the potential for personnel errors are controlled through training (qualification) coupled with a management process designed to prevent inadequately trained personnel from performing ammunition and explosives jobs/tasks (certification). Aviation Ordnancemen are required to perform periodic, local QUAL/CERT events in order to be authorized to handle ordnance. Results of these QUAL/CERT events are documented in a hardcopy QUAL/CERT Record and kept on file by the local activity.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

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

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 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 and CATM), and NAVSEA 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 was introduced as a retrofit to the SLAM Missile System after the E&MD Milestone was successfully completed.

b. Ready for Operational Use Schedule. Not currently available. Refer to PMA258 for schedule.

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 are being 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
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 are being 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-122-3111A	1
MTU 4032	NAS Norfolk	C-122-3111A	1
MTU 4030	NAS Mayport	C-122-3111A	1
MTU 4035	NAS Whidbey Island	C-122-3111A	1
Spare	NAS Fallon		1

(3) Aircrew Interactive Multimedia Instruction. 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 were 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
SLAM NTP	N88-NTSP-A-50-8813B/A	PMA205	Approved May 96
F/A-18 Aircraft NTSP	N88-NTSP-A-50-7703H/A	PMA265	Approved Dec 01
Acquisition Logistics Support Plan for Standoff Land Attack Missile (SLAM-ER)	MS-ALSP-380	AIR 3.1.3	Revision E Jan 99

PART II - BILLET AND PERSONNEL REQUIREMENTS

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

II.B. Personnel Requirements

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

NOTE 1: This section of the AGM-84H/K SLAM-ER ATA missile NTSP reflects maintenance billet and personnel requirements for the AGM-84H/K. It is a compilation of six organizational and two intermediate level NECs (AO 8341, 8342, and 8842 (F/A-18), and AO 6801 and organizational level MOS (6531 and 6541, respectively) with associated billets. The addition of the AGM-84H/K to the organizational and intermediate level workloads is only a small percentage of the required workload for those NECs and MOS. The NECs and MOS are not dedicated to the AGM-84H/K and, therefore, the overall training throughput for the NEC and MOS will remain the same, i.e., account for the total NEC/MOS community, and not just activities receiving AGM-84 H/K.

NOTE 2: All billets identified in this section are programmed through other NTSPs, e.g., F/A-18 NTSP, applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Documents. The activities and associated billets are listed to assist the weapons training community in identifying and managing training requirements throughout the development, production and deployment of the AGM-84H/K.

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

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

SOURCE: USN: Total Force Manpower Management System, TFMMS **DATE:** 10/1/02
 USMC: Extracted from Table of Manpower Requirements, TFS MCCDC **DATE:** 10/1/02

ACTIVITY, UIC	PFYs	CFY03	FY04	FY05	FY06	FY07
OPERATIONAL ACTIVITIES - USMC						
HMH 772 CH-53E	09490	1	0	0	0	0
HMH CH-53E (East Coast)	00000	2	0	0	0	0
HMLA 773	09431	1	0	0	0	0
HMLA 773 DET	00000	1	0	0	0	0
HMLA 775 DET A	09415	1	0	0	0	0
HMLA AH-1/9 UH-1 (East Coast)	00000	2	0	0	0	0
HMM 774 CH-46	09430	1	0	0	0	0
HMM CH-46E (East Coast)	00000	5	0	0	0	0
VMA AV-8B (East Coast)	00000	3	0	0	0	0
VMAQ EA-6B (East Coast)	00000	4	0	0	0	0
VMFA 321	67235	1	0	0	0	0
VMFA F/A18 (East Coast)	00000	4	0	0	0	0
VMFA (AW) F/A 18 (East Coast)	00000	3	0	0	0	0
VMFA-142	67243	1	0	0	0	0
VMM MV-22A	00000	1	0	0	0	0
HMH 769 CH-53E	09487	1	0	0	0	0
HMH CH-53D (West Coast)	00000	3	0	0	0	0
HMH CH-53E (West Coast)	00000	4	0	0	0	0
HMLA 775	55257	1	0	0	0	0
HMLA AH-1/9 UH-1(West Coast)	00000	4	0	0	0	0
HMM 764 CH-46	09402	1	0	0	0	0
HMM CH-46E (West Coast)	00000	8	0	0	0	0
MALS 41 (FW)	03007	1	0	0	0	0
VMA AV-8B (West Coast)	00000	4	0	0	0	0
VMFA 112	08954	1	0	0	0	0
VMFA 134	09365	1	0	0	0	0
VMFA F/A18 (West Coast)	00000	4	0	0	0	0
VMFA (AW) F/A18 (west Coast)	00000	3	0	0	0	0
TOTAL:		67	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY						
AIROPS/NAVOSH PM Brunswick ME	3193B	1	0	0	0	0
NAMTRAGRUDET Mayport	66069	1	0	0	0	0
ATG Norfolk	30733	1	0	0	0	0
AVORD MTT Norfolk	48764	1	0	0	0	0
COMNAVAIRLANT	57012	1	0	0	0	0
CSFWLD Beaufort	3006A	1	0	0	0	0
LANTORDDDET	31279	1	0	0	0	0
NAF Mildenhall	57032	1	0	0	0	0
NAMTRAU Norfolk	66046	1	0	0	0	0
NAS Keflavik Iceland	63032	1	0	0	0	0
Naval Ordnance Center, Indian Head, MD	68963	1	0	0	0	0

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

SOURCE: USN: Total Force Manpower Management System, TFMMS

DATE: 2/1/02

USMC: Extracted from Table of Manpower Requirements, TFS MCCDC

DATE: 2/1/02

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
NAVSTKAIR TS	39783	1	0	0	0	0	0
NWS Charleston, SC	00193	1	0	0	0	0	0
USS Bataan LHD 5	21879	1	0	0	0	0	0
USS Eisenhower CVN 69	03369	1	0	0	0	0	0
USS Enterprise CVN 65	03365	1	0	0	0	0	0
USS George Washington CVN 73	21412	1	0	0	0	0	0
USS Harry S. Truman CVN 75	21853	1	0	0	0	0	0
USS Iwo Jima LHD 7	23027	1	0	0	0	0	0
USS John F. Kennedy CV 76	03367	1	0	0	0	0	0
USS Kearsarge LHD 3	21700	1	0	0	0	0	0
USS Nassau LHA 4	20725	1	0	0	0	0	0
USS Ronald Reagan CVN-76	22178	1	0	0	0	0	0
USS Roosevelt CVN 71	21247	1	0	0	0	0	0
USS Saipan LHA 2	20632	1	0	0	0	0	0
USS Wasp LHD 1	21560	1	0	0	0	0	0
VFA 106		1	0	0	0	0	0
USS Copnstellation CV64	03364	1	0	0	0	0	0
CNATRA CAU Kingsville TX	49149	1	0	0	0	0	0
NAF EI Centro	60042	1	0	0	0	0	0
NAIRWPMAINTUN 1	52821	1	0	0	0	0	0
NAMTRAU North Island	66065	1	0	0	0	0	0
NAMTRAU Whidbey Island	66058	1	0	0	0	0	0
NAS Lemoore	63126	1	0	0	0	0	0
NAVBASE Point Mugu	69232	1	0	0	0	0	0
NAWCWD (NWCF)	63126	1	0	0	0	0	0
NSUPFAC Diego Garcia	68539	1	0	0	0	0	0
USS B Richard LHD 6	22202	1	0	0	0	0	0
USS Bella Wood LHA 3	20633	1	0	0	0	0	0
USS Boxer LHD 4	21808	1	0	0	0	0	0
USS Carl Vinson CVN 70	20993	1	0	0	0	0	0
USS Essex LHD 2	21533	1	0	0	0	0	0
USS John C. Stennis CVN 74	21847	1	0	0	0	0	0
USS Kitty Hawk CV63	03363	1	0	0	0	0	0
USS Abraham Lincoln CVN 72	21297	1	0	0	0	0	0
USS Nimitz CVN 68	03368	1	0	0	0	0	0
USS Peleliu LHA 5	20748	1	0	0	0	0	0
USS Tarawa LHA 1	20550	1	0	0	0	0	0
VAQ 129	83896	1	0	0	0	0	0
VFA 125	53971	1	0	0	0	0	0
TOTAL:		50	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - USMC							
Blout Island Command	38450	1	0	0	0	0	0
FW MALS (East Coast)	00000	2	0	0	0	0	0
H&HS MCAS Beaufort SC	02031	1	0	0	0	0	0
H&HS MCAS Cherry Point NC	02002	1	0	0	0	0	0
H&HS MCAS New River NC	02021	1	0	0	0	0	0

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

SOURCE: USN: Total Force Manpower Management System, TFMMS

DATE: 2/1/02

USMC: Extracted from Table of Manpower Requirements, TFS MCCDC

DATE: 2/1/02

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
MALS 42 (RW)	09513	1	0	0	0	0	0
MALS 49 (RW)	55555	1	0	0	0	0	0
MALS-Rotary Wing (East Coast)	00000	2	0	0	0	0	0
MC Pers Dept of Navy Non-Dept	00000	1	0	0	0	0	0
VMAT 203	45483	1	0	0	0	0	0
Ft Worth, Site Support	00000	1	0	0	0	0	0
FW MALS (West coast)	00000	3	0	0	0	0	0
H&HS Futenma Japan	02601	1	0	0	0	0	0
H&HS Iwakuni Japan	02501	1	0	0	0	0	0
H&HS MCAS Camp Pendleton CA	02208	1	0	0	0	0	0
H&HS MCAS Miramar CA	02201	1	0	0	0	0	0
H&HS MCAS Yuma AZ	02230	1	0	0	0	0	0
HMT 303	55176	1	0	0	0	0	0
MAD China Lake	06117	1	0	0	0	0	0
MALS-Rotary Wing (West Coast)	00000	3	0	0	0	0	0
Marine Aviation Logistics Support	02300	1	0	0	0	0	0
MAWTS 1 Yuma AZ	55167	1	0	0	0	0	0
MCAF Kaneohe Bay HI	02303	1	0	0	0	0	0
MCAGCC 29 Palms	67399	1	0	0	0	0	0
VMAT 101	09965	1	0	0	0	0	0
TOTAL:		31	0	0	0	0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USS Eisenhower CVN 69, 03369					
ACDU	0	7	AOC	6801	
	0	23	AO1	6801	
	0	30	AO2	6801	
SELRES	0	4	AOC	6801	
	0	5	AO1	6801	
	0	4	AO2	6801	
ACTIVITY	0	73			
USS Enterprise CVN 65, 03365					
ACDU	0	1	AOC	6801	
	0	9	AO1	6801	
ACTIVITY	0	10			
USS George Washington CVN 73, 21412					
ACDU	0	5	AOC	6801	
	0	20	AO1	6801	
	0	33	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
ACTIVITY	0	68			
USS Harry S. Truman CVN 75, 21853					
ACDU	0	5	AOC	6801	
	0	21	AO1	6801	
	0	29	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
USS Harry S. Truman CVN 75, 21853, FY04 Increment					
ACDU	0	4	AO2	6801	
ACTIVITY	0	69			
USS Iwo Jima LHD 7, 23027					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY	0	12			

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

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

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

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

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

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

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

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

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

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

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
FLEET SUPPORT ACTIVITIES - USMC					
Blout Island Command, 38450					
USMC	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	2			
FW MALS (East Coast), 00000					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY	0	44			
H&HS MCAS Beaufort SC, 02031					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SGT	6541	9954
	0	1	SSGT	6541	
ACTIVITY	0	5			
H&HS MCAS Cherry Point NC, 02002					
USMC	0	4	CPL	6541	
	0	4	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY	0	11			
H&HS MCAS New River NC, 02021					
USMC	0	1	CPL	6541	9954
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	5			

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 42 (RW), 09513					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	CPL	6541	
	0	1	GYSGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	3	LCPL	6541	
	0	2	SSGT	6541	
ACTIVITY	0	11			
MALS 49 (RW), 55555					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
AR	0	2	SSGT	6541	
SMCR	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	2	LCPL	6541	
ACTIVITY	0	10			
MALS-Rotary Wing (East Coast), 00000					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY	0	12			
MC PERS Dept of Navy Non-Dept, 00000					
USMC	0	2	CPL	6541	
	0	7	GYSGT	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	13			

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, 45483					
USMC	0	3	GYSGT	6541	
	0	1	LCPL	6541	
	0	20	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY	0	28			
Ft Worth, Site Support, 00000					
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
ACTIVITY	0	2			
FW MALS (West coast), 00000					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY	0	44			
H&HS Futenma Japan, 02601					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	12			
H&HS Iwakuni Japan, 02501					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	7			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
H&HS MCAS Camp Pendelton CA, 02208					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY	0	8			
H&HS MCAS Miramar CA, 02201					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY	0	8			
H&HS MCAS Yuma AZ, 02230					
USMC	0	3	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
	0	1	SSGT	6541	9954
ACTIVITY	0	7			
HMT 303, 55176					
USMC	0	3	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY	0	6			
MAD China Lake, 06117					
USMC	0	1	GYSGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	2			
MALS-Rotary Wing (West Coast), 00000					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY	0	12			

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			
Marine Aviation Logistics Support Element Kaneohe, 02300					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	6			
MAWTS 1 Yuma AZ, 55167					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
ACTIVITY	0	2			
MCAF Kaneohe Bay HI, 02303					
USMC	0	4	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY	0	7			
MCAGCC 29 Palms, 67399					
USMC	0	3	LCPL	6541	
ACTIVITY	0	3			
VMAT 101, 09965					
USMC	0	3	CPL	6541	
	0	6	LCPL	6541	
ACTIVITY	0	9			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC OPERATIONAL ACTIVITIES - USMC													
CPL	6541		146		0		0		0		0		0
GYSGT	6541		10		0		0		0		0		0
LCPL	6541		205		0		0		0		0		0
SGT	6541		71		0		0		0		0		0
SSGT	6541		20		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR													
GYSGT	6541		1		0		0		0		0		0
LCPL	6541		1		0		0		0		0		0
SGT	6541		8		0		0		0		0		0
SSGT	6541		6		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR													
CPL	6541		11		0		0		0		0		0
GYSGT	6541		6		0		0		0		0		0
LCPL	6541		46		0		0		0		0		0
SGT	6541		9		0		0		0		0		0
SSGT	6541		4		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6801		119		0		0		0		0		0
AOC	6801 9502		5		0		0		0		0		0
AOC	0812 6801		1		0		0		0		0		0
AO1	6801		423		0		0		0		0		0
AO1	6801 0812		1		0		0		0		0		0
AO1	6801 9502		11		0		0		0		0		0
AO1	6801 9549		1		0		0		0		0		0
AO2	6801		417		0		4		0		0		0
AO2	6801 0812		1		0		0		0		0		0
AO2	6801 9502		2		0		0		0		0		0
AO2	6810 6801		1		0		0		0		0		0
AO3	6801		31		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES													
AOC	6801		14		1		0		0		0		0
AO1	6801		21		2		0		0		0		0
AO2	6801		24		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - USMC													
CPL	6541		2		0		0		0		0		0
GYSGT	6541		1		0		0		0		0		0
SGT	6541		5		0		0		0		0		0
SSGT	6541		1		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC FLEET SUPPORT ACTIVITIES - USMC													
CPL	6541		67		0		0		0		0		0
CPL	6541	9954	1		0		0		0		0		0
GYSGT	6541		51		0		0		0		0		0
LCPL	6541		156		0		0		0		0		0
SGT	6541		88		0		0		0		0		0
SGT	6541	9954	1		0		0		0		0		0
SSGT	6541		61		0		0		0		0		0
SSGT	6541	9954	1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR													
CPL	6541		1		0		0		0		0		0
GYSGT	6541		2		0		0		0		0		0
SGT	6541		1		0		0		0		0		0
SSGT	6541		3		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
CPL	6541		1		0		0		0		0		0
GYSGT	6541		3		0		0		0		0		0
LCPL	6541		5		0		0		0		0		0
SSGT	6541		2		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SUMMARY TOTALS:													
USMC OPERATIONAL ACTIVITIES - USMC													
	452			0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - AR													
	16			0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - SMCR													
	76			0		0		0		0		0	
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
	937			75		0		4		0		0	
NAVY FLEET SUPPORT ACTIVITIES - SELRES													
	59			0		3		0		0		0	
NAVY FLEET SUPPORT ACTIVITIES - USMC													
	9			0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
	426			0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - AR													
	7			0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - SMCR													
	11			0		0		0		0		0	

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GRAND TOTALS:													
NAVY - ACDU			1012		0		4		0		0		0
NAVY - SELRES			59		3		0		0		0		0
NAVY - USMC			9		0		0		0		0		0
USMC - USMC			878		0		0		0		0		0
USMC - AR			23		0		0		0		0		0
USMC - SMCR			87		0		0		0		0		0

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

SOURCE: USN: Total Force Manpower Management System, TFMMS

DATE: 5/1/01

USMC: Extracted from Table of Manpower Requirements, TFS MCCDC

DATE: 5/1/01

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
FLEET SUPPORT ACTIVITIES - NAVY							
USS Constellation CV64	03364	0	1	0	0	0	0
TOTAL:		0	1	0	0	0	0

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

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

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6801		11		-7		0		0		0		0
AO1	6801		35		-12		0		0		0		0
SUMMARY TOTALS:													
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
			46		-19		0		0		0		0
GRAND TOTALS:													
NAVY - ACDU													
			46		-19		0		0		0		0

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

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU-4030 NAMTRAU, Mayport, 66069

INSTRUCTOR BILLETS

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

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

INSTRUCTOR BILLETS

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

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

INSTRUCTOR BILLETS

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

TRAINING ACTIVITY, LOCATION, UIC: MTU-4034 NAMTRA MARUNIT, MCAS Cherry Point, 45483

INSTRUCTOR BILLETS

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

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

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

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

INSTRUCTOR BILLETS

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

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4030 NAMTRAU, Mayport, 66069	NAVY		1.9		1.9		1.9		1.9		1.9		1.9
MTU-4032 NAMTRAU Norfolk, 66046	NAVY		19.3		12.1		12.5		12.1		12.1		12.1
MTU-4034 NAMTRA MARUNIT, MCAS Cherry Point, 45483	USMC		47.7		47.7		47.7		47.7		47.7		47.7
MTU-4033 NAMTRAU, North Island, 66065	NAVY		8.0		7.9		7.4		7.4		7.4		7.4
MTU-4035 NAMTRAU, Whidbey Island, 66058	NAVY		3.6		3.6		3.6		3.6		3.6		3.6
SUMMARY TOTALS:													
	NAVY		24.9		25.5		25.4		25.0		25.0		25.0
	USMC		47.7		47.7		47.7		47.7		47.7		47.7
GRAND TOTALS:													
			80.5		73.2		73.1		73.7		72.7		72.7

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CUM	FY04 +/-	CUM	FY04 +/-	CUM	FY04 +/-	CUM	FY04 +/-	CUM
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a. OFFICER - USN

NA

b. ENLISTED - USN

Fleet Support Billets ACDU and TAR

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

Staff Billets ACDU and TAR

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

Chargeable Student Billets ACDU and TAR

			33	-7	26	-1	25	0	25	0	25	0	25
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SELRES Billets

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

TOTAL USN ENLISTED BILLETS:

Fleet Support			1036	-99	937	75	1012	-19	993	4	997	0	997
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Staff			15	0	15	0	15	0	15	0	15	0	15
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Chargeable Student			25	8	33	-7	26	-1	25	0	25	0	25
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SELRES			59	0	59	3	62	0	62	0	62	0	62
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II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM

c. OFFICER - USMC

NA

d. ENLISTED - USMC

Operational Billets USMC and AR

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

Fleet Support Billets USMC and AR

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

Staff Billets USMC and AR

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

Chargeable Student Billets USMC and AR

			48	0	48	0	48	0	48	0	48	0	48
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SMCR Billets

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

TOTAL USMC ENLISTED BILLETS:

Operational			468	0	468	0	468	0	468	0	468	0	468
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Fleet Support			442	0	442	0	442	0	442	0	442	0	442
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II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
Staff			21	0	21	0	21	0	21	0	21	0	21
Chargeable Student			48	0	48	0	48	0	48	0	48	0	48
SMCR			87	0	87	0	87	0	87	0	87	0	87

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 7.0 Weeks **TOUR LENGTH:** 60 Months
ATTRITION Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.14

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4030 NAMTRAU, Mayport												
	NAVY	ACDU		15		15		15		15		15
		SELRES		1		1		1		1		1
MTU-4032 NAMTRAU Norfolk												
	NAVY	ACDU		95		98		95		95		95
		SELRES		4		4		4		4		4
		TOTAL:		115		118		115		115		115

CIN, COURSE TITLE: E-646-7007, General Shipboard /NAS Weapons Department Maintenance
COURSE LENGTH: 6.0 Weeks **TOUR LENGTH:** 60 Months
ATTRITION Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4033 NAMTRAU, North Island												
	NAVY	ACDU		72		68		68		68		68
		SELRES		1		1		1		1		1
MTU-4035 NAMTRAU, Whidbey Island												
	NAVY	ACDU		33		33		33		33		33
		TOTAL:		106		102		102		102		102

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Intermediate Maintenance
COURSE LENGTH: 11.0 Weeks **TOUR LENGTH:** 36 Months
ATTRITION Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.22

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4034 NAMTRA MARUNIT, MCAS Cherry Point												
	USMC	USMC		220		220		220		220		220
		AR		6		6		6		6		6
		SMCR		9		9		9		9		9
		TOTAL:		235		235		235		235		235

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AGM-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

PART III - TRAINING REQUIREMENTS

III.A. TRAINING COURSE REQUIREMENTS

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

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

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	15		15		15		15		15	ATIR
	14		14		14		14		14	Output
	1.9		1.9		1.9		1.9		1.9	AOB
	1.9		1.9		1.9		1.9		1.9	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

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

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	151		95		98		95		95	ATIR
	86		88		86		86		86	Output
	12.1		12.5		12.1		12.1		12.1	AOB
	12.1		12.5		12.1		12.1		12.1	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.5		0.5		0.5		0.5		0.5	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

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

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	72		68		68		68		86	ATIR
	65		61		61		61		61	Output
	7.9		7.4		7.4		7.4		7.4	AOB
	7.9		7.4		7.4		7.4		7.4	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

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

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	33		33		33		33		33	ATIR
	30		30		30		30		30	Output
	3.6		3.6		3.6		3.6		3.6	AOB
	3.6		3.6		3.6		3.6		3.6	Chargeable

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Intermediate Maintenance
TRAINING ACTIVITY: MTU-4034 NAMTRA MARU
LOCATION, UIC: MCAS Cherry Point, 45483

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	226		226		226		226		226	ATIR
	226		226		226		226		226	Output
	47.7		47.7		47.7		47.7		47.7	AOB
	47.7		47.7		47.7		47.7		47.7	Chargeable

III.A.2.a. EXISTING COURSES

SOURCE: USMC

STUDENT CATEGORY: SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	9		9		9		9		9	ATIR
	9		9		9		9		9	Output
	1.9		1.9		1.9		1.9		1.9	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AGM-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.2. TTE/GPTE/SPTE/ST/GPETE/SPETE

TRAINING ACTIVITY: NATTC
LOCATION, UIC: NAS Pensacola, 63082
CIN, COURSE TITLE: C-646-2011A, Aviation Ordnanceman Common Core Class A1
 C-646-2012A, Aviation Ordnanceman Navy Difference 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	On Board
002	Nose Cover Assembly, N/A		1		GFE	On Board
003	ADP Cover, N/A		1		GFE	On Board
004	Data Link Antenna Cover, TBD		1		GFE	On Board
005	Transport Adapters, ADU-801/E		1		GFE	On Board

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	On Board
006	TAMPS (Tactical Automated Mission Planning System), DTC-2		1		GFE	On Board
007	Interface Test Set, AN/AWM-96A		1		GFE	On Board

IV.A.2. TTE/GPTE/SPTE/ST/GPETE/SPETE

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	On Board
006	TAMPS (Tactical Automated Mission Planning System), DTC-2		1		GFE	On Board
007	Interface Test Set, AN/AWM-96A		1		GFE	On Board

TRAINING ACTIVITY: MTU-4030
LOCATION, UIC: NAMTRAGRU DET 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	MK 51 MOD 1		1		GFE	On Board
002	Adapter 405/E		1		GFE	On Board
003	Adapter AERO 58A		1		GFE	On Board
004	MHU-191, Weapon Skid		1		GFE	On Board
005	CNU-595E (with wings and fins)		1		GFE	On Board
006	ADU-801/E Adapter		1		GFE	On Board
007	Nose Cover Assembly		1		GFE	On Board
008	Aft Cover		1		GFE	On Board
009	Safety Pins		2		GFE	On Board
010	Probe Cover		1		GFE	On Board
011	Foam Cover		1		GFE	On Board

TRAINING ACTIVITY: MTU-4032
LOCATION, UIC: NAMTRAU 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	MK 51 MOD 1		1		GFE	On Board
002	Adapter 405/E		1		GFE	On Board
003	Adapter AERO 58A		1		GFE	On Board
004	MHU-191, Weapon Skid		1		GFE	On Board
005	CNU-595E (with wings and fins)		1		GFE	On Board
006	ADU-801/E Adapter		1		GFE	On Board
007	Nose Cover Assembly		1		GFE	On Board
008	Aft Cover		1		GFE	On Board
009	Safety Pins		2		GFE	On Board
010	Probe Cover		1		GFE	On Board
011	Foam Cover		1		GFE	On Board

TRAINING ACTIVITY: MTU-4033
LOCATION, UIC: NAMTRAU 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	MK 51 MOD 1		1		GFE	On Board
002	Adapter 405/E		1		GFE	On Board
003	Adapter AERO 58A		1		GFE	On Board
004	MHU-191, Weapon Skid		1		GFE	On Board
005	CNU-595E (with wings and fins)		1		GFE	On Board
006	ADU-801/E Adapter		1		GFE	On Board
007	Nose Cover Assembly		1		GFE	On Board
008	Aft Cover		1		GFE	On Board
009	Safety Pins		2		GFE	On Board
010	Probe Cover		1		GFE	On Board
011	Foam Cover		1		GFE	On Board

TRAINING ACTIVITY: MTU-4035
LOCATION, UIC: NAMTRAU Whidbey Island, 66058
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	MK 51 MOD 1		1		GFE	On Board
002	Adapter 405/E		1		GFE	On Board
003	Adapter AERO 58A		1		GFE	On Board
004	MHU-191, Weapon Skid		1		GFE	On Board
005	CNU-595E (with wings and fins)		1		GFE	On Board
006	ADU-801/E Adapter		1		GFE	On Board
007	Nose Cover Assembly		1		GFE	On Board
008	Aft Cover		1		GFE	On Board
009	Safety Pins		2		GFE	On Board
010	Probe Cover		1		GFE	On Board
011	Foam Cover		1		GFE	On Board

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-84K

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 Oceana/09679	1			On Board	D-2A-0601, D-2A-0602 D-2A-0604, D-2A-0606
VFA-125/NAS Lemoore/65559	1			On Board	E-2A-0601, E-2A-0602 E-2A-0603, E-2A-0604 E-2A-0606
NSWC IHD MD/30446	1			On Board	Pipeline Spare
CV POOL LANT	6			On Board	Load/Handling and Capt. Flight
CV POOL PAC	6			On Board	Load/Handling and Capt. Flight
TOTAL:	15				

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			On Board	E-646-0640, E-646-0647
SFWSL/NAS Oceana/47084	1			On Board	D-646-0640, D-646-0647
NATTC NAS Pensacola, 63082	1			On Board	C-122-3111A, C-646-4108 C-646-4109
MTU 4030 NAMTRAGRU DET Mayport/66069	1			On Board	C-122-3111A, C-646-4108 C-646-4109
MTU 4032 NAMTRAU Norfolk/66046	1			On Board	C-122-3111A, C-646-4108 C-646-4109
MTU 4033 NAMTRAU North Island/66065	1			On Board	C-122-3111A, C-646-4108 C-646-4109
MTU-4035 NAMTRAU Whidbey Island, 66058	1			On Board	C-122-3111A, C-646-4108 C-646-4109
TOTAL:	7				

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			On Board	A-431-0011 A-431-0012
EODTEU ONE NAS Barbers Point, 30202	1			On Board	G-431-0001
EODTEU TWO Fort Story, 43505	1			On Board	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			On Board	A-431-0011 A-431-0012

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

AGM-84K data is integrated within applicable existing follow-on courses. There are no stand-alone AGM-84K 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-84K 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-84K 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-84K 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-84K 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-84K 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: 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
LOCATION, UIC: NAMTRAGRU DET Mayport, 66069
CIN, COURSE TITLE: C-122-3111A, 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 4032
LOCATION, UIC: NAMTRAU Norfolk, 66046
CIN, COURSE TITLE: C-122-3111A, 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
LOCATION, UIC: NAMTRAU North Island, 66065
CIN, COURSE TITLE: C-122-3111A, 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
LOCATION, UIC: NAMTRAU Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111A, 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: 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 (SFWSWP)
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 4030
LOCATION, UIC: NAMTRAGRU DET Mayport, 66069
CIN, COURSE TITLE: C-122-3111A, 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>
OPNAVINST 8000.16, Naval Ordnance Maintenance Management Program (NOMMP)	Hard copy	12		On board
NAVSEA OP 4, Ammunition Afloat	Hard copy	12		On board
NAVSEA OP 5 Volume 1 & 3, Ammunition/Explosive Ashore	Hard copy	12		On board
NAVSEA SW020-AC-SAF-010/020/030, Transportation and Stowage Data for Ammunition, Explosives and Related Hazardous Material	Hard copy	12		On board
AW-820HN-MIB-000, Organizational Level Maintenance with Illustrated Parts Breakdown (IPB), Harpoon Missile, SLAM, SLAM-ER, Air Launched Configuration	Hard copy	12		On board
NAVAIR 11-140-25, Airborne Weapon Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	12		On board
NAVAIR 11-120-51, Ship Weapons Installation Manual (SWIM)	Hard copy	12		On board
NAVAIR 11-140-6.2, Air Launched Guided Missiles and Selected Vehicles, Volume 2, Air to Ground Missiles, Tactical Organizational and Intermediate Level Maintenance Activities	Hard copy	12		On board
NAVAIR 11-140-6.3, Air Launched Guided Missiles and Selected Vehicles, Volume 3, Training Missiles Air to Ground Missiles, Tactical Organizational and Intermediate Level Maintenance Activities	Hard copy	12		On board
MIL-HDBK-236N, Index of Standards of Palletizing, Truck Loading, Rail Car Loading and Container Loading of Hazardous Materials	Hard copy	12		On board
TW010-AC-ORD-010, Inspection Requirements for Receipt, Segregation, Storage, and Issue of Navy and Marine Corps Ammunition	Hard copy	12		On board
TW010-AC-ORD-020, Navy Ammunition Stock, Catalog Data Supplement	Hard copy	12		On board
TW010-AC-ORD-030, Navy Ammunition Logistics Code	Hard copy	12		On board
NAVORD OP 3565/NAVAIR 16-1529, Radio Frequency Hazards to Ordnance, Personnel, and Fuel	Hard copy	12		On board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4032
LOCATION, UIC: NAMTRAU Norfolk, 66046
CIN, COURSE TITLE: C-122-3111A, 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>
OPNAVINST 8000.16, Naval Ordnance Maintenance Management Program (NOMMP)	Hard copy	12		On board
NAVSEA OP 4, Ammunitions and Explosives Afloat	Hard copy	12		On board
NAVSEA OP 5 Volume 1 & 3, Ammunition/Explosive Ashore	Hard copy	12		On board
NAVSEA SW020-AC-SAF-010/020/030, Transportation and Stowage Data for Ammunition, Explosives and Related Hazardous Material	Hard copy	12		On board
AW-820HN-MIB-000, Organizational Level Maintenance with Illustrated Parts Breakdown (IPB), Harpoon Missile, SLAM, SLAM-ER, Air Launched Configuration	Hard copy	12		On board
NAVAIR 11-140-25, Airborne Weapon Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	12		On board
NAVAIR 11-120-51, Ship Weapons Installation Manual (SWIM)	Hard copy	12		On board
NAVAIR 11-140-6.2, Air Launched Guided Missiles and Selected Vehicles, Volume 2, Air to Ground Missiles, Tactical Organizational and Intermediate Level Maintenance Activities	Hard copy	12		On board
NAVAIR 11-140-6.3, Air Launched Guided Missiles and Selected Vehicles, Volume 3, Training Missiles Air to Ground Missiles, Tactical Organizational and Intermediate Level Maintenance Activities	Hard copy	12		On board
MIL-HDBK-236N, Index of Standards of Palletizing, Truck Loading, Rail Car Loading and Container Loading of Hazardous Materials	Hard copy	12		On board
TW010-AC-ORD-010, Inspection Requirements for Receipt, Segregation, Storage, and Issue of Navy and Marine Corps Ammunition	Hard copy	12		On board
TW010-AC-ORD-020, Navy Ammunition Stock, Catalog Data Supplement	Hard copy	12		On board
TW010-AC-ORD-030, Navy Ammunition Logistics Code	Hard copy	12		On board
NAVORD OP 3565/NAVAIR 16-1529, Radio Frequency Hazards to Ordnance, Personnel, and Fuel	Hard copy	12		On board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4033
LOCATION, UIC: NAMTRAU North Island, 66065
CIN, COURSE TITLE: C-122-3111A, 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>
OPNAVINST 8000.16, Naval Ordnance Maintenance Management Program (NOMMP)	Hard copy	12		On board
NAVSEA OP 4, Ammunitions and Explosives Afloat	Hard copy	12		On board
NAVSEA OP 5 Volume 1 & 3, Ammunition/Explosive Ashore	Hard copy	12		On board
NAVSEA SW020-AC-SAF-010/020/030, Transportation and Stowage Data for Ammunition, Explosives and Related Hazardous Material	Hard copy	12		On board
AW-820HN-MIB-000, Organizational Level Maintenance with Illustrated Parts Breakdown (IPB), Harpoon Missile, SLAM, SLAM-ER, Air Launched Configuration	Hard copy	12		On board
NAVAIR 11-140-25, Airborne Weapon Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	12		On board
NAVAIR 11-120-51, Ship Weapons Installation Manual (SWIM)	Hard copy	12		On board
NAVAIR 11-140-6.2, Air Launched Guided Missiles and Selected Vehicles, Volume 2, Air to Ground Missiles, Tactical Organizational and Intermediate Level Maintenance Activities	Hard copy	12		On board
NAVAIR 11-140-6.3, Air Launched Guided Missiles and Selected Vehicles, Volume 3, Training Missiles Air to Ground Missiles, Tactical Organizational and Intermediate Level Maintenance Activities	Hard copy	12		On board
MIL-HDBK-236N, Index of Standards of Palletizing, Truck Loading, Rail Car Loading and Container Loading of Hazardous Materials	Hard copy	12		On board
TW010-AC-ORD-010, Inspection Requirements for Receipt, Segregation, Storage, and Issue of Navy and Marine Corps Ammunition	Hard copy	12		On board
TW010-AC-ORD-020, Navy Ammunition Stock, Catalog Data Supplement	Hard copy	12		On board
TW010-AC-ORD-030, Navy Ammunition Logistics Code	Hard copy	12		On board
NAVORD OP 3565/NAVAIR 16-1529, Radio Frequency Hazards to Ordnance, Personnel, and Fuel	Hard copy	12		On board

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4035
LOCATION, UIC: NAMTRAU Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111A, 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>
OPNAVINST 8000.16, Naval Ordnance Maintenance Management Program (NOMMP)	Hard copy	12		On board
NAVSEA OP 4, Ammunitions and Explosives Afloat	Hard copy	12		On board
NAVSEA OP 5 Volume 1 & 3, Ammunition/Explosive Ashore	Hard copy	12		On board
NAVSEA SW020-AC-SAF-010/020/030, Transportation and Stowage Data for Ammunition, Explosives and Related Hazardous Material	Hard copy	12		On board
AW-820HN-MIB-000, Organizational Level Maintenance with Illustrated Parts Breakdown (IPB), Harpoon Missile, SLAM, SLAM-ER, Air Launched Configuration	Hard copy	12		On board
NAVAIR 11-140-25, Airborne Weapon Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	12		On board
NAVAIR 11-120-51, Ship Weapons Installation Manual (SWIM)	Hard copy	12		On board
NAVAIR 11-140-6.2, Air Launched Guided Missiles and Selected Vehicles, Volume 2, Air to Ground Missiles, Tactical Organizational and Intermediate Level Maintenance Activities	Hard copy	12		On board
NAVAIR 11-140-6.3, Air Launched Guided Missiles and Selected Vehicles, Volume 3, Training Missiles Air to Ground Missiles, Tactical Organizational and Intermediate Level Maintenance Activities	Hard copy	12		On board
MIL-HDBK-236N, Index of Standards of Palletizing, Truck Loading, Rail Car Loading and Container Loading of Hazardous Materials	Hard copy	12		On board
TW010-AC-ORD-010, Inspection Requirements for Receipt, Segregation, Storage, and Issue of Navy and Marine Corps Ammunition	Hard copy	12		On board
TW010-AC-ORD-020, Navy Ammunition Stock, Catalog Data Supplement	Hard copy	12		On board
TW010-AC-ORD-030, Navy Ammunition Logistics Code	Hard copy	12		On board
NAVORD OP 3565/NAVAIR 16-1529, Radio Frequency Hazards to Ordnance, Personnel, and Fuel	Hard copy	12		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
PDA	Analyzed MPT requirements	FY 94	Completed
PDA	Production Contract Awarded (N00019-95-C-0121)	Mar 95	Completed
PDA	Promulgated Draft NTP for Review	Jan 96	Completed
ACNO (MPT)	Approved and Promulgated NTP	May 96	Completed
TSA	Awarded Factory Training and Curriculum Material Contract	FY96	Completed
PDA	Promulgated ILS Master Plan	FY98	Completed
DA	Achieved Material Support Date	June 99	Completed
TSA	Began Initial Training	July 99	Completed
ACNO (MPT)	Developed Update NTSP	FY99	Completed
PDA	Promulgated Draft NTSP for Review	Jan 00	Completed
DA	Achieved Initial Operating Capability	April 00	Completed
PDA	Submitted Proposed NTSP to OPNAV	FY00	Completed
ACNO (MPT)	Approved Updated NTSP	FY00	Completed
PDA	Update NTSP to Draft for Fleet Review	May 02	Completed
PDA	Incorporate Fleet comments in NTSP	Nov 02	Completed
PDA	Forward Proposed NTSP to OPNAV for Approval	Dec 02	Completed

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
<p>CAPT Owen Fletcher Deputy Aviation Maintenance Programs CNO, N781B fletcher.owen@hq.navy.mil</p>	<p>COMM: (703) 604-7747 DSN: 664-7747 FAX: (703) 604-6972</p>
<p>CAPT Terry Merritt Professional Development Division CNO, N00T3 merritt.terry@hq.navy.mil</p>	<p>COMM: (703) 604-7730 DSN: 664-7730 FAX: (703) 604-6939</p>
<p>CDR Wanda Janus Resource Sponsor / Program Sponsor CNO, N785D1 janus.wanda@hq.navy.mil</p>	<p>COMM: (703) 602-6758 DSN: 227- 6758 FAX: (703) 602-8523</p>
<p>AZCS Gary Greenlee NTSP Manager CNO, N789H7 greenlee.gary@hq.navy.mil</p>	<p>COMM: (703) 604-7709 DSN: 664-7709 FAX: (703) 604-6939</p>
<p>CDR Kevin Neary Aviation Manpower CNO, N122C1 n122c1@bupers.navy.mil</p>	<p>COMM: (703) 695-3247 DSN: 225-3247 FAX: (703) 614-5308</p>
<p>Mr. Robert Zweibel Training Technology Policy CNO, N00T46 zweibel.robert@hq.navy.mil</p>	<p>COMM: (703) 602-5151 DSN: 332-5151 FAX: (703) 695-5698</p>
<p>COL David L Barraclough, USMC Branch Head, USMC Aviation Manpower Management CMC, ASM-1 barracloughdl@hqmc.usmc.mil</p>	<p>COMM: (703) 614-1244 DSN: 224-1244 FAX: (703) 614-1309</p>
<p>CAPT Anthony J. Benn Program Manager PEO (CU), PMA258 bennaj@navair.navy.mil</p>	<p>COMM: (301) 757-6094 DSN: 757-6094 FAX: (301) 757-6099</p>
<p>Mr. Steve Dowling SLAM Team Leader PEO(CU), PMA258-B1 dowlings@navair.navy.mil</p>	<p>COMM (301) 757-6078 DSN 757-6078 FAX (301) 757-6097</p>
<p>Mr. Laval Mallard SLAM / SLAM-ER APM PEO(CU), PMA258-B12 mallardll@navair.navy.mil</p>	<p>COMM (301) 757 6081 DSN 757-6081 FAX (301) 757-6097</p>

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
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Mr. Dwight Jantzen SLAM / SLAM-ER Deputy Assistant Program Manager, Logistics NAVAIR, 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 NAVAIR, PMA205-3H laraywr@navair.navy.mil	COMM (301) 757-8109 DSN 757-8109 FAX (301) 757-6097
CDR Joe Capstaff Class Desk NAVAIR, AIR 4.7.AD capstaffjg@navair.navy.mil	COMM (301) 757-6089 DSN 757-6089 FAX (301) 757-6097
CAPT Pat Salsman Branch Head, Training Requirements and Assessments COMLANTFLT, N-731 salsmancp@clf.navy.mil	COMM: (757) 836-6495 DSN: 836-6495 FAX: (757) 836-6737
Mr. Bob Long Deputy Director for Training COMPACFLT, N70 u70@cpf.navy.mil	COMM: (808) 471-8513 DSN: 315-471-8513 FAX: (808) 471-8596
LCDR G.E. Dortch Force Weapons Officer COMNAVAIRLANT, N85A dortchge@exchange.airlant.navy.mil	COMM: (757) 444-7481 DSN: 225-1841 FAX: (703) 693-8823
LCDR Johnny King Weapons Officer COMNAVAIRRESFOR, N3W kingjc@cnrf.nola.navy.mil	COMM: (504) 678-6846 DSN: 678-6846 FAX: (504) 678-1442
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SUMMARY OF COMMENTS

ON THE

AGM-84H/K

STANDOFF LAND ATTACK MISSILE EXPANDED RESPONSE

AUTOMATIC TARGET ACQUISITION

DRAFT NAVY TRAINING SYSTEM PLAN

OF NOVEMBER 2002

N78-NTSP-A-50-9502B/D

Prepared by: AOC(AW) John R. Porter, AIR-3.4.1
Contact at: (301) 757-3088
Date submitted: 15 November 2002

**COMMENTS / RECOMMENDATIONS ON THE
STANDOFF LAND ATTACK MISSILE EXPANDED RESPONSE AUTOMATIC
TARGET ACQUISITION
N78-NTSP-A-50-9502B/P**

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**COMMENTS / RECOMMENDATIONS ON THE
STANDOFF LAND ATTACK MISSILE EXPANDED RESPONSE AUTOMATIC
TARGET ACQUISITION
N78-NTSP-A-50-9502B/P**

ACTIVITY NAME: NAVMAC

COMMENT: Page I-11

Using the 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)." Should this read 19 aircrewman vice 17?

INCORPORATED: YES

REMARKS: None

ACTIVITY NAME: NAVMAC

COMMENT: Page I-11

Same paragraph also states that a complete Load evolution will require (5) O'level AO's and (3) I level AO's. Should the proper number be (6) O'level vice (5)?

INCORPORATED: Yes

REMARKS: None