NAVY TRAINING PLAN

FOR THE

AGM-84H STANDOFF LAND ATTACK MISSILE

EXPANDED RESPONSE

(SLAM ER)

A-50-9502/A

MAY 1996

(REVISED JULY 1996)

Enclosure (1)

SLAM ER (AGM-84H) MISSILE SYSTEM

EXECUTIVE SUMMARY

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

There are no dedicated operators required for the SLAM ER system. SLAM ER will be operated by aircrew incidental to their normal duties. Manpower requirements are developed based on the host weapon system aircrew seat factor and crew ratio. The supporting commands' existing manpower levels are adequate to support the SLAM ER system, and no additional manpower requirements are identified.

AGM-84H SLAM ER is an improved variant of the AGM-84E SLAM weapon system now entering the Engineering and Manufacturing Development (E&MD) phase of the acquisition process. The SLAM ER program will design and develop modification kits which will be installed as a retrofit on all baseline SLAM missiles in inventory.

The planned SLAM ER inventory will replace an equal number of SLAM missiles in the operational, maintenance, and training environments. Preliminary projections of Manpower, Personnel, and Training (MPT) and the acquisition strategy analysis show that current SLAM manning levels are adequate, and no increase in maintenance man-hours (MMH) is required to support the SLAM ER. No new Navy Enlisted Classification (NEC) code will be needed to support the SLAM ER system.

SLAM ER (AGM-84H) MISSILE SYSTEM

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INTRODUCTION

This is the first Navy Training Plan (NTP) developed in accordance with OPNAVINST 1500.8M to identify changes deriving from the introduction of the Standoff Land Attack Missile (SLAM) Preplanned Product Improvement (P^3I) also known as SLAM Expanded Response (ER).

LIST OF ACRONYMS

AC	Alternating Current
ACNO	Assistant Chief of Naval Operations
ADS	Air Data System
AGM	Air-to-Ground Missile
AO	Aviation Ordnanceman
AUR	All-Up-Round
AWDL	Advanced Weapon Data Link
BIT	Built-In Test
BUPERS	Bureau of Naval Personnel
CATM	Captive Air Training Missile
CBT	Computer-Based Training
CCMM	Course Curriculum Model Manager
CINCLANTFLT	Commander-in-Chief, United States Atlantic Fleet
CINCPACFLT	Commander-in-Chief, United States Pacific Fleet
CNO	Chief of Naval Operations
CNET	Chief Naval Education and Training
COMNAVAIRSYSCOM	Commander, Naval Air Systems Command
CV	Aircraft Carrier
CVN	Aircraft Carrier, Nuclear
DATM	Dummy Air Training Missile
DC	Direct Current
DMSO	Director Major Staff Office
DOP	Designated Overhaul Point
ECP	Engineering Change Proposal
E&MD	Engineering and Manufacturing Development
EOD	Explosive Ordnance Disposal
EODTEU	Explosive Ordnance Disposal Technical Evaluation Unit
ER	Expanded Response
FM	Frequency Modulation
FMS	Foreign Military Sales
FRS	Fleet Readiness Squadron
GNU	Guidance Navigation Unit
GPS	Global Positioning System

LIST OF ACRONYMS (Continued)

ICW	Interactive Courseware
IIR	Imaging Infrared
ILSP	Integrated Logistics Support Plan
IMU	Inertial Measurement Unit
MDA	McDonnell Douglas Aerospace
MGU	Mid-course Guidance Unit
MITL	Man-In-The-Loop
MIU	Missile Initialization Unit
MMH	Maintenance Man-Hours
MOS	Military Occupational Specialty
MPM	Mission Planning Module
MPT	Manpower, Personnel, and Training
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NAMTG	Naval Air Maintenance Training Group
NAS	Naval Air Station
NAVAIRSYSCOM	Naval Air Systems Command
NAVSCOLEOD	Naval Explosive Ordnance Disposal School
NAWC	Naval Air Warfare Center
NAWCWD PM/CL	Naval Air Warfare Center Weapons Division, Point Mugu/China Lake
NAWCAD	Naval Air Warfare Center, Aircraft Division
NAWMP	Naval Airborne Weapons Maintenance Program
NAWMU	Naval Airborne Weapons Maintenance Unit
NCEA	Non-Combat Expenditure Allocation
NEC	Navy Enlisted Classification
NOBC	Navy Officer Billet Code
NSWCIHD	Naval Surface Warfare Center, Indian Head Division
NTP	Navy Training Plan
OPEVAL	Operational Evaluation
OPTEVFOR	Operational Test and Evaluation Force
PDA	Principal Development Activity
PEST	Practical Explosive Ordnance Disposal System Trainer
PQS	Personnel Qualification Standards
PWB	Printed Wiring Board

LIST OF ACRONYMS (Continued)

RF	Radio Frequency
RFOU	Ready For Operational Use
RFT	Ready For Training
RSP	Rendering Safe Procedure
SFTS	Strike Fighter Training System
SFWS	Strike Fighter Weapon School
SLAM	Standoff Land Attack Missile
SLAM ER	Standoff Land Attack Missile Expanded Response
SME	Subject Matter Expert
SRA	Shop Replaceable Assembly
TA	Training Agent
TAMPS	Tactical Aircraft Mission Planning System
TECHEVAL	Technical Evaluation
TD	Training Device
TSA	Training Support Agency
TTE	Technical Training Equipment
TYCOM	Type Commander
WC	Work Center
WDL	Weapon Data Link
WDU	Wing Deployment Unit
WPNSTA	Weapon Station
WRA	Weapon Replaceable Assembly

PART I - TECHNICAL PROGRAM DATA

NTP Number: A-50-9502/A
Date: May 1996
Revised: July 1996

A. TITLE-NOMENCLATURE-PROGRAM

1. **Title**. Standoff Land Attack Missile Expanded Response
2. **Nomenclature**. Acronym-AGM-84H/SLAM ER
3. **Program Element**. 63306N

B. SECURITY CLASSIFICATION

1. **System Capabilities** ..... Confidential
2. **System Description** ..... Unclassified
3. **Selected Components** ..... Secret
4. **Navy Training Plan** ..... Unclassified

C. NTP PRINCIPALS

1. Assistant Chief of Naval Operations/Director Major Staff Office (ACNO/DMSO) Program Sponsor ..... CNO (N880C8)
2. ACNO/DMSO Resource Sponsor ..... CNO (N880C8)
3. Principal Development Activity (PDA) ..... NAVAIRSYSCOM (PMA258)
4. Training Agents (TA) ..... CNET (T25)
   CINCPACFLT
   CINCLANTFLT
5. Principal Development Activity (PDA) ..... NAVAIRSYSCOM (PMA205-5B)
6. Manpower and Personnel Mission Sponsor ..... CNO (N1)
7. Director of Naval Training ..... CNO (N7)
8. Bureau of Naval Personal (BUPERS) ..... BUPERS (PERS-4, PERS-40)

D. OPERATIONAL USES

1. Purpose. Launched from an F/A-18 aircraft, the SLAM ER will satisfy the intermediate tactical needs between long-range cruise missiles and short range/freefall munitions in the land attack scenario against fixed, high value targets. SLAM ER has an improved Anti-Surface Warfare capability. SLAM ER will provide the Navy with a standoff weapon

capability for aircraft to attack targets in day, night, and less than ideal weather conditions with better performance than SLAM.

2. Foreign Military Sales (FMS) and Other Source Procurement. To Be Determined (TBD).

E. TECHNICAL AND OPERATIONAL EVALUATION (TECHEVAL/OPEVAL). TECHEVAL for baseline SLAM was conducted at the Naval Air Warfare Center, Weapons Division, Point Mugu, (NAWCWD [PM]), California and was completed in December 1989. OPEVAL was conducted at NAWCWD, China Lake (California); White Sands Missile Range, New Mexico, and the NAWCWD (PM) by OPTEVFOR using Air Test and Evaluation Squadron Nine (VX-9) personnel and assets. TECHEVAL for the SLAM ER program will be conducted approximately in the fourth quarter of 1997. OPEVAL for the SLAM ER program will be conducted approximately in the second quarter of 1998.

F. EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. SLAM ER will replace the SLAM missile system once all retrofits are complete.

G. DESCRIPTION

1. Functional Description and Major Components. The AGM-84H SLAM ER is a carrier-based non-nuclear tactical standoff weapon system designed to perform day, night, and under marginal 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 aim point refinement via Man-In-The-Loop (MITL) control of the IIR Seeker from the launch aircraft or a cooperative aircraft with AN/AWW-13 data link pod.

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

a. Guidance Section. Consists of the following functional subsystems:

(1) IIR 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 AC-DC converter which receives the SLAM ER missile avionics 28 volts direct current bus power, and output +/- 33 volts direct current (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 (GNU). The GNU is a single chassis containing Mission Computer, Inertial Measurement Unit (IMU), Global Positioning System (GPS) receiver, Air Data System (ADS) electronics, Input and Output electronics, video annotation electronics and power conditioning unit. This unit functionally replaces the Midcourse Guidance Unit (MGU) on SLAM.

The GNU contains an easily reprogrammable memory and a processor which is significantly faster than the SLAM GPS Receiver Processor Unit and MGU. Ability to reprogram the flight computer without major disassembly of the All Up Round (AUR) reduces the cost of incorporating future software upgrades. The faster executing processor can accommodate the additional tasks to be performed by the mission computer. The GNU includes a multi-channel 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. ADS electronics, video annotation and digital/analog input/output are also performed by the GNU.

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

(3) Data Link Receiver. The Advanced Weapon Data Link (AWDL) provides a radio frequency link between the missile and the control aircraft. The missile's seeker video is transmitted via the data link to the aircraft where the operator views the target image. The operator in turn transmits commands to the missile via the AWDL. The SLAM WDL electronics package is modified by replacing one FM video transmitter Printed Wiring Board (PWB) with a two phase modulation video transmitter PWB, and adding one Electronically Erasable Programmable Read Only Memory (EEPROM) 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 upon a prototype antenna used during a SLAM ship launch demonstration program conducted during 1990. The AWDL also incorporates a power converter allowing the data link to be powered directly from the missile avionics bus power. The AWDL increases data link control range and improves resistance to jamming.

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

b. Warhead. The warhead in the ordnance section is based upon the Tomahawk Block III warhead technology and will improve perforation performance against reinforced concrete land targets. The warhead assembly, the fuze (FMU-148/B Tomahawk Block III), the booster (BBU-47/B Tomahawk Block III booster housing modification), the air probe, the altimeter antenna, and the electrical harness, all are contained in the Ordnance Section. NAWCWDCL, will perform the warhead design, with the prime contractor, McDonnell Douglas Aerospace (MDA), responsible for the Ordnance Section design. After design completion, MDA will produce the Ordnance Section.

During Engineering and Manufacturing Development (E&MD) flight testing, the ordnance section will be replaced by an exercise section. This will be a stainless steel case containing a modified SLAM telemetry configuration with flight termination system. The case will also be redesigned to allow attachment of the SLAM ER wings.

c. Sustainer. The sustainer section is a modified Harpoon sustainer consisting of a Teledyne CAE-J402 turbojet engine, cast aluminum flush inlet, a sealed fuel tank with JP-10 fuel, a silver-zinc battery, and wing roots for the air-launch kit. This subsystem is the same as the one used in the SLAM missile. The only modification is to add the wiring to the engine fuel controller.

d. Control. The control section contains four electro-mechanical actuators which provide fin movement for flight path control. This is the same subsystem that is used in SLAM with an additional high temperature Radio Frequency (RF) cable installed to interface with the added AWDL antenna.

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

e. Dimensions and Weight (Estimated):

Length ..... 169.0 inches
Diameter ..... 13.5 inches
Wing span ..... 95.5 inches
Weight ..... 1,500 pounds

3. Missile Initialization System. The missile initialization system is comprised of the Missile Initialization Unit (MIU) and appropriate software. The MIU consists of the missile prelaunch data memory loader and missile prelaunch data computer. These are the same components as used on the baseline SLAM.

a. Missile Prelaunch Data Memory Loader. The memory loader (MU-956/T) is used to load air-strike mission planning data into a SLAM prior to a launching aircraft's departure from an aircraft carrier. The memory loader provides the necessary controls, displays,

and storage to enter 64 sets of mission data, two sets of GPS cryptographic keys, and one set of GPS almanac data. The memory loader cable set interfaces the memory loader with the prelaunch data computer, printer, and applicable software in the aircraft carrier intelligence center. It also interfaces the memory loader with the aircraft support equipment power connector and missile umbilical during the memory transfer operation.

b. Missile Prelaunch Data Computer. The data computer (CP-1876/G) is a modified personal computer (Zenith ZWX-248-62). It performs five basic functions:

(1) Interfaces with mission planners to format mission planning data (mission data GPS cryptographic keys and GPS almanac data) into missile prelaunch data. The missile pre launch data can be stored on floppy diskettes.

(2) Interfaces with the memory loader to transfer missile prelaunch data to the memory loader.

(3) Interfaces with the memory loader to test and troubleshoot the memory loader.

(4) Interfaces with the GPS almanac data collection system on an RS-422 interface.

(5) Provides a printed hard copy of data transmitted to the memory loader.

Note: The manual method of mission planning including the Zenith ZWX-248-62 is due to be replaced as the SLAM/SLAM ER weapon system becomes fully integrated with Tactical Aircraft Mission Planning System (TAMPS) 6.0 (see section I.H.3).

4. Container, Shipping and Storage. A newly designed shipping container will be developed for the SLAM ER. No further information is available at this time.

5. System Introduction. SLAM ER will be introduced as a retrofit to the SLAM system.

6. Significant Interfaces and Impacts. 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 or modified AN/AWW-9 data link pods are required to provide MITL terminal guidance control. Real Time Target Designation will be incorporated which will allow the operator to select the desired aimpoint on a single frame fixed image, vice a moving image.

7. Training Devices. Baseline SLAM training devices will be modified into the SLAM ER configuration. The Dummy Air Training Missile (DATM) and Captive Air Training Missile (CATM) will be converted to the SLAM ER configuration in a phased approach proportionate to the tactical conversions in order to support and train SLAM ER capable squadrons. SLAM CATMs will be drawn from the CINCLANTFLT and CINCPACFLT rotating pools for this conversion effort.

a. Exercise Training Missile (ATM-84H). Exercise Training Missiles are identical to the tactical missiles with the exception that the warhead section is replaced with an exercise section which provides telemetry data of training or test flights. The exercise section also receives and executes flight termination command signals, and it is used for missile identification and tracking. ATMs will be allocated to Type Commanders (TYCOMs) by CINCLANFLT and CINCPACFLT Ordnance Plans and Policy each fiscal year by the Non-Combat Expenditure Allocation (NCEA) process.

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

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

d. Practical Explosive Ordnance Disposal System Trainer (PEST). The 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 Rendering Safe Procedures (RSP) are replicated with inert or expended tactical or mechanically simulated components.

H. NEW FEATURES, CONFIGURATION, OR MATERIAL

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

a. A planar wing, providing increased temperature, altitude, and range capabilities.

b. A new nose fairing, providing improved protection against rain erosion.

c. An improved warhead and fuze, providing increased penetration.

d. A phased-modulated video transmitter and improved antenna, providing increased range for aircraft survivability and improved anti-jam capability.

e. A GNU, providing improved anti-jam capability, improved flight control, elimination of the need for an initialization maneuver, and reduced costs.

2. Container. A newly designed container will support a single SLAM ER tactical or training AUR.

3. SLAM ER Mission Planning Module (MPM) for Tactical Aircraft Mission Planning System (TAMPS). The SLAM ER MPM for the TAMPS 6.0 is being developed by McDonnell Douglas Aerospace. Fleet release for operational use is expected in fourth quarter FY96. By utilizing the TAMPS, SLAM ER mission planning will be completely computer based. The planner will not have to use separate Joint Operations Graphic charts etc. Everything the planner needs will be on the TAMPS computer (DCT-2), including charts, Digital Terrain Elevation Data, and GPS capability. This will greatly reduce the amount of time needed for SLAM ER mission planning. Planning a complex mission can take four to six hours. With TAMPS, that time will be reduced to less than 30 minutes, including mission validation.

4. Aircrew Interactive Courseware (ICW). The SLAM Aircrew Curricula is under revision currently to standardize, automate, and incorporate the latest lessons learned. The SLAM ICW is being developed under the direction of SFWS (LANT and PAC) for the F/A-18 community. The ICW is being developed to support comprehensive schoolhouse training (SFWS) and refresher training (squadron). The new courseware will be hosted on the Strike Fighter Training System (SFTS). TOPGUN is coordinating the SFTS program. Aircrew curricula will be updated to include SLAM ER Aircrew Curricula during the third quarter FY98.

I. CONCEPTS

1. Maintenance Concept. The SLAM ER Missile System maintenance concept will closely follow that of the SLAM Missile System. It conforms with the requirements of OPNAVINST 8600.2 (series), Naval Airborne Weapons Maintenance Program (NAWMP), with

a slight modification. The maintenance concept allocates maintenance functions to the organizational, intermediate, and depot levels of maintenance. The Weapons Station (WPNSTA) will accomplish intermediate level (AUR DEPOT) maintenance. Depot level maintenance will be performed at the Designated Overhaul Point (DOP). CATM maintenance concept follows the identical system in place to support the tactical AGM-84E. However, the DATM maintenance concept is "organizational-to depot". The DOP for the DATM is NSWC, Indian Head Division.

a. Organizational Level Maintenance. 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 weapons personnel assigned to a maintenance department to support the missions and task of the performing activity. Organizational level maintenance may be accomplished by the next higher (intermediate) level of maintenance. Organizational level maintenance deals with the missile only as an AUR and consists of visual inspection, upload, download, Built-In Test (BIT), install, remove fins, lanyards, umbilicals, and corrosion control/paint touch-up.

b. Intermediate Level Maintenance (AUR Depot). Intermediate level (AUR depot) testing and maintenance will be performed on a missile when it reaches its assigned Maintenance Due Date, fails BIT, or is subjected to excessive handling damage. Intermediate level maintenance is performed at the WPNSTA and consists of missile assembly/disassembly, AUR testing, fault isolating to the section level, and missile repair by removing and replacing sections and control surfaces including wing fairings, fittings, and Wing Deployable Units (WDUs). The intermediate level also conducts retest and recertification and prepares and ships sections to the DOP.

c. Depot Level Maintenance (DOP). Depot level maintenance is performed by the manufacturer, McDonnell Douglas Aerospace and its subcontractors [except for Government Furnished Equipment (GFE) on those parts determined to be beyond the capabilities of organizational or intermediate level maintenance]. Sections are repaired by fault isolating to a discrepant Weapon Replaceable Assembly (WRA), removing and replacing the WRA, and retesting to verify operational performance capability. Discrepant WRAs are repaired by fault isolating to a faulty Shop Replaceable Assembly (SRA), removing and replacing the SRA, and retesting. Discrepant SRAs will be repaired by fault isolating to the piece part or sub-SRA, removing and replacing the defective item, and retesting. The DOP for the DATM is NSWC, Indian Head Division. Container repair will be performed by WPNSTA, Yorktown, Virginia. IIR seeker repair will be performed at Hill Air Force Base, Utah; transition to Hughes Missile System Co. is anticipated.

2. Operational Concept. The SLAM ER is designed to be deployed with tactical units of the Navy and Marine Corps. It is intended for use by F/A-18 aircraft. The SLAM ER system is used to attack and neutralize fixed, high value, above ground targets and ships located in hostile areas of the world. The missile may be launched at significant standoff ranges with a high degree of accuracy.

3. Manning Concept. The introduction of the SLAM ER into the Navy inventory will not alter manning requirements. Manning requirements for organizational, intermediate, and

depot maintenance activities are generated based on the total workload requirements for a specific work center, and the skills needed to perform maintenance on the system supported by that work center's personnel.

J. LOGISTICS

1. Manufacturer. McDonnell Douglas Aerospace.

2. Contract Number. N00019-95-C-0121 (E&MD) 3/15/95.

3. Integrated Logistics Support Plan (ILSP) Development. AIR 410 MS-ILSP 380, February 1994.

4. Technical Data Plan. The Naval Air Technical Services Facility (NATSF) is assigned responsibility for ensuring compliance with USN standards. Acquisition and management of Technical Manuals is the responsibility of COMNAVAIRSYSCOM. Technical Manual Contract Requirement specify exact requirements in detail and cites preparation and delivery. Applicable Technical Manuals to be affected are listed in Part IV.

5. Special Test Sets, Special Tools, Special Test Equipment, and General Purpose 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. SLAM test equipment currently in use at the Naval Weapon Station, Yorktown will be modified to support the SLAM ER missile.

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

6. Supply Support. SLAM ER will utilize Navy Ships Part Control Center for organizational level and intermediate level supply support and inventory control management. Depot level spares and components are provided and managed by COMNAVAIRSYSCOM.

K. SCHEDULES

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

a. Installation Schedule. SLAM ER will be introduced as a retrofit to the SLAM Missile System via Class I Engineering Change Proposal (ECP) upon successful completion of the E&MD Milestone.

b. Ready for Operational Use (RFOU) Schedule. TBD.

c. Training Device (TD) and Technical Training Equipment (TTE) Delivery Schedule

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

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

(3) Aircrew ICW. PMA205 will deliver Phase I (Core SLAM Curricula) to the SFWS in the third quarter FY96. Phase II will include a freeplay module and will be delivered fourth quarter FY96. SLAM ER revisions to baseline curricula will be accomplished in the third quarter FY98.

L. MANPOWER REQUIREMENTS. Manpower requirements for F/A-18 squadrons or WPNSTAs will not be affected as a result of the SLAM ER system introduction.

1. Equipment, Subsystems, and Systems. NA.

2. Aircraft Equipment, Systems, and Subsystems. Enlisted manpower requirements associated with organizational and intermediate maintenance are within the capability of current Navy Enlisted Classification (NEC) and Marine Corps Military Occupational Specialties (MOS). No additional personnel are required to support SLAM ER.

a. Estimated Maintenance Man-Hours. NA.

b. Proposed Utilization. Classified.

c. Recommended Quantitative and Qualitative Manpower Requirements

(1) Manpower Requirements Fleet Activities. Manning for Navy and Marine Corps fleet squadrons is based on the total assigned workload for each WC and focuses on loading/downloading capabilities. Ordnance support in the Armament/Weapons Branch (WC 230) is provided by Aviation Ordnancemen (AO) and Aviation Ordnance Equipment Repair Technicians (Marine Corps). Manpower requirements in WC 230 are based on maintaining specified weapon loading capabilities for the aircraft.

(**2) Manpower Requirements Fleet Readiness Squadron (FRS)**. Manning is based on the total assigned workload. No changes to current FRS workload in WC 230 will result from introduction of SLAM ER, therefore current manning, course length, and facilities will not be impacted.

(3) Intermediate Maintenance (CV/CVN). Manning of the Weapons Department aboard CV/CVN is based on total assigned workload. SLAM ER will not impact

overall workload in the missile division (G Division) at these activities. No change in existing manning requirements was required.

(4) Intermediate Maintenance (WPNSTA/NAWMU). The WPNSTAs and NAWMU are manned by civilian technicians and Navy Ordnance personnel based on total assigned workload. Manning requirements for Naval Air Station (NAS) Weapons Departments are determined with the same method. Introduction of SLAM ER will not impact existing manning requirements.

M. TRAINING CONCEPT

1. General. Training related to the SLAM ER system will be available through formal training courses, unit training fleet exercises, and operations. Training for squadron operating personnel will also be contained in respective aircraft NTSPs.

2. Training Applicable to Military, Civilian, and Foreign Personnel. Initial training for the SLAM ER will consist of factory training provided by the contractor. Follow-on training for the SLAM ER will be incorporated into existing SLAM training courses.

a. Initial Training. Factory training will support both TECHEVAL and OPEVAL training requirements. Initial aircrew and load team training will be provided to the appropriate training agent (SFWS, NAMTRA HQ, etc.).

b. Follow-On Training. Training courses for SLAM are in place for Operator, organizational level, intermediate level, and depot level maintenance. The SLAM ER training will be integrated into SLAM courses contained in existing training tracks. Aircrew training for SLAM ER will be provided at the SFWS ATLANTIC (SFWSLANT) and SFWS PACIFIC (SFWSPAC) (see Figure 1). Maintenance training for Aviation Ordnancemen is provided through the Naval Air Maintenance Training Group. EOD training is provided by Naval School, EOD (NAVSCOLEOD).

SLAM ER Aircrew Training

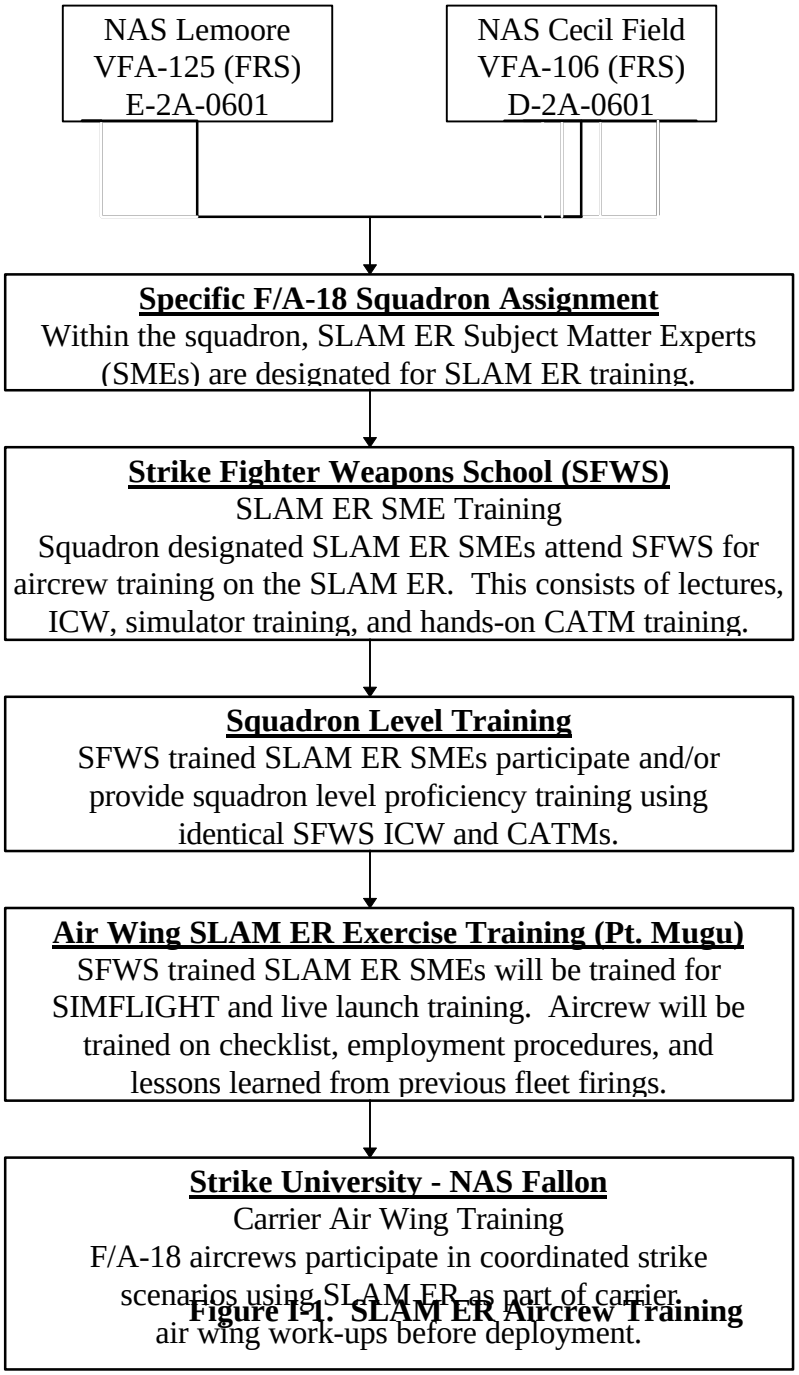

Figure I-1. SLAM ER Aircrew Training

The SFTS will enhance the distribution and availability of the new SLAM ER ICW module for follow-on training. Squadron SLAM ER SMEs will be able to provide squadron level training or any squadron aircrew member will have the ability to use the SFTS system for refresher training in order to keep skills from deteriorating.

Marine Corps squadrons that are assigned to support Navy carrier air wings and who require SLAM ER training will be trained along with Navy squadrons at the TYCOM's training agent, SFWS. The SLAM ER ICW being developed for the SFTS and may be made available to applicable Marine Corps squadrons. Marine Corps squadrons requiring maintenance training will utilize Navy Loading Schools (SFWSs). Below is a list of SLAM ER applicable operator training courses and the effect of SLAM ER on these courses;

(1) Operator - FRS courses are listed for reference only:

COURSE NUMBER	COURSE TITLE	EFFECT
D/E-2A-0601	F/A-18 Fleet Replacement Pilot Category 1	Minor
D/E-2A-0602	F/A-18 Fleet Replacement Pilot Category 2	Minor
D/E-2A-0604	F/A-18 Fleet Replacement Pilot Category 3A	Minor
D/E-2A-0606	F/A-18 Fleet Replacement Pilot Category 4	Minor

(2) Maintenance

(a) Organizational. Organizational level maintenance training will be modified to include the SLAM ER. These modifications will not change the course lengths. Below is a list of the organizational maintenance training courses and the effect of SLAM ER on these courses.

COURSE NUMBER	COURSE TITLE	EFFECT
C-646-2011	Aviation Ordnance Class A1 School Core	Minor
C-646-2012	Aviation Ordnance Class A1 School (Airwing Strand)	Minor
C-646-2013	Aviation Ordnance Class A1 School (Ship/Shore Strand)	Minor

COURSE NUMBER	COURSE TITLE	EFFECT
D/E-646-0640	F/A-18 Conventional Weapons Release and Loading	Minor
C-646-9973	F/A-18 Stores Management Integrated Organizational Maintenance (Initial)	Minor
C-646-9974	F/A-18 Stores Management Integrated Organizational Maintenance (Career)	Minor
D/E-646-0647	F/A-18 Conventional Release Test System	Minor

(b) Intermediate. Intermediate level maintenance training courses will be modified to include the SLAM ER. These modifications have not changed the course lengths.

Air Launched Guided Missile Intermediate Maintenance

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

Weapons Department Air-Launched Weapons Supervisors

Course number C-646-4108
Course length ..... 19 days
RFT date ..... Currently available
Locations ..... MTU 4030, NAMTG, NAS Mayport
MTU 4032, NAMTG, NAS Norfolk
MTU 4033, NAMTG, NAS North Island
Source rating ..... AO
Skill identifier ..... None
TD/TTE ..... See Part IV
Prerequisites ..... 1. Confidential clearance
2. AO A1 or equivalent
3. E-5 or above.

Weapons Department Air-Launched Weapons General Ordnance

Course number C-646-4109
Course length ..... 19 days
RFT date ..... Currently available
Locations ..... MTU 4030, NAMTG, NAS Mayport
MTU 4032, NAMTG, NAS Norfolk
MTU 4033, NAMTG, NAS North Island
Source rating ..... AO
Skill identifier ..... None
TD/TTE ..... See Part IV
Prerequisites ..... 1. Confidential clearance
2. AO A1 or equivalent.

(c) Depot. Depot level maintenance will be performed by the manufacturer. Training for depot level maintenance will be the responsibility of the manufacturer.

(d) Explosive Ordnance Disposal (EOD) Training. Below is a list of EOD training courses and the effect of SLAM ER on them.

COURSE NUMBER	COURSE TITLE	EFFECT
A-431-0011	Explosive Ordnance Disposal Phase II - Navy	Minor
G-431-0001	Explosive Ordnance Pre-Deployment Training	Minor
G-431-0003	Explosive Ordnance Disposal Shore Detachment Training	Minor
G-431-0005	Explosive Mobile Team Training	Minor

3. Additional Training Resources: TYCOM resources include NAWCWD engineering and technical service representatives, who may be made available to teach selected SLAM ER course materials including Theory of Operation and Capabilities and Limitations. Please contact your TYCOM for availability.

4. Inter-service Training.. NA.

5. Training Integration. NA.

6. Training Location. Organizational level, intermediate level, and depot level training will be provided at locations designated above. No new training facilities will be introduced.

7. Training Support Materials. SLAM ER training will be incorporated into existing SLAM training. All TD/TTE requirements for this training are listed in section IV.

N. ON-BOARD TRAINING

1. Proficiency or Other Training Organic to New Development. Deployed proficiency training will be conducted to improve and enhance the capabilities of individuals. Training will consist of loading drills to maintain organizational weapon loading team proficiency.

2. Operator and Maintenance Personnel Qualification Standards (PQS) Requirements. Existing Shipboard and EOD PQS will be updated and used by all personnel.

3. Maintenance Training Improvement Program (MTIP) Requirements. MTIP will be used to establish an effective and efficient training system that is responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at both the O and I-Levels of maintenance. MTIP allows increased effectiveness in the application of training resources through identification of skill and knowledge deficiencies at the activity, work center, or individual technician level. Remedial training will be concentrated where needed to enhance identified skill and knowledge shortfalls. MTIP question and answer banks, for maintenance only, on this system will be required. Test questions are to be based upon Section II of the Task and Skill Analysis Report. Questions shall be indexed to Work Unit Codes and curriculum learning objective numbers, where applicable.

4. Other On-Board Training. Squadron loading teams will maintain their proficiency by participating in frequent upload and download training exercises.

O. LIST OF RELATED NAVY TRAINING PLANS AND APPLICABLE DOCUMENTS

NTP/DOCUMENT TITLE	DOCUMENT/ NTP NUMBER	PDA CODE	STATUS
SLAM Missile NTP	A-50-8813B/D	PMA205	Draft 3/24/95
SLAM Missile System ILSP	MS-006/A	NAVAIR 4181A	Approved
F/A-18 NTP	A-50-7703F/A	PMA205	Approved 1/18/95
SLAM ER ILSP	MS-ILSP-380	NAVAIR 3.1.3.1	Approved
NTP/DOCUMENT TITLE	**DOCUMENT/ NTP NUMBER**	**PDA CODE**	**STATUS**
AN/AWW-13 NTP	A-50-8718A/A	PMA205	Approved 5/8/95

AGM-65E Laser Maverick Missile NTP	A-50-8201B/A	PMA205	Approved 11/2/89
AGM-84A/C/D-1 Harpoon Missile System NTP	A-50-8211B/A	PMA205	Approved 5/23/96

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the Standoff Land Attack Missile Expanded Response (SLAM ER) and, therefore, are not included in Part II of this NTP:

II.A. BILLET REQUIREMENTS

II.A.2.b. Military Billets per Fleet Operation Unit [Including Fleet Readiness Squadrons (FRSs)] and/or Activity - Old

II.B. PERSONNEL REQUIREMENTS

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

NOTE 1: This section of the SLAM ER NTP is a compilation of two intermediate level NECs with associated billets.

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

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

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

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

Date: Nov 95

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

NOTE: This represents NEC 6802 billets being added to the above ships.

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

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

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

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

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

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6801 (Continued) ACDU (Continued)													
LPH-7/USS Guadalcanal/ 07352	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-2/USS Saipan/20632	0	2	0	0	0	2	0	0	0	0	AO	6801	
LHA-4/USS Nassau/20725	0	2	0	0	0	2	0	0	0	0	AO	6801	
CVN-71/USS Roosevelt/21247	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-73/USS Washington/21412	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-74/USS Stennis/21847	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-75/USS Truman/21853	0	11	0	0	0	11	0	0	0	0	AO	6801	

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	ENL	OPERATION/ AIRCREW OFF	ENL	MAINTENANCE OFF	ENL	O&M/OTHER OFF	ENL	TEAM OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6801 (Continued)													
ACDU (Continued)													
AVORD/MTT Norfolk/48764	0	5	0	0	0	5	0	0	0	0	AO	6801	
COMNAVAIR-LANT/57012	0	2	0	0	0	2	0	0	0	0	AO	6801	
AIMD Brunswick/ 60087	0	8	0	0	0	8	0	0	0	0	AO	6801	
AIMD Oceana/ 60191	0	10	0	0	0	10	0	0	0	0	AO	6801	
AIMD Cecil Field/60200	0	20	0	0	0	20	0	0	0	0	AO	6801	
AIMD Keflavik/ 63032	0	7	0	0	0	7	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6801	9502
AIMD Memphis/ 00639	0	1	0	0	0	1	0	0	0	0	AO	6801	6802

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6801 (Continued) ACDU (Continued)													
CV-61/USS Ranger/03361	0	1	0	0	0	1	0	0	0	0	AO	6801	
CV-62/USS Independence/ 00362	0	6	0	0	0	6	0	0	0	0	AO	6801	
CV-63/USS Kitty Hawk/03363	0	9	0	0	0	9	0	0	0	0	AO	6801	
CV-64/USS Constellation/ 03364	0	11	0	0	0	11	0	0	0	0	AO	6801	
CVN-68/USS Nimitz/03368	0	11	0	0	0	11	0	0	0	0	AO	6801	
NAWS Point Mugu/63126	0	7	0	0	0	7	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6801	8342

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

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

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6801 (Continued) ACDU (Continued)													
AIMD Fallon/ 44317	0	2	0	0	0	2	0	0	0	0	AO	6801	
NAVAIRWP-MAINTUN/ 52821	0	23	0	0	0	23	0	0	0	0	AO	6801	
AIMD Lemoore/ 44321	0	3	0	0	0	3	0	0	0	0	AO	6801	
NAWCAD Point Mugu/63126	0	1	0	0	0	1	0	0	0	0	AO	6801	
NEC 6801 TOTALS:	0	253	0	0	0	253	0	0	0	0			

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 ACDU													
NAWCAD Patuxent River/00432	0	7	0	0	0	7	0	0	0	0	AO	6802	
	0	2	0	0	0	2	0	0	0	0	AO	6802	6803
CVN-65/USS Enterprise/03365	0	8	0	0	0	8	0	0	0	0	AO	6802	
CV-66/USS America/03366	0	8	0	0	0	8	0	0	0	0	AO	6802	
CV-67/USS Kennedy/03367	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-69/USS Eisenhower/03369	0	8	0	0	0	8	0	0	0	0	AO	6802	
LPH-9/USS Guam/07178	0	1	0	0	0	1	0	0	0	0	AO	6802	
LPH-7/USS Guadalcanal/ 07352	0	1	0	0	0	1	0	0	0	0	AO	6802	

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	ENL	OPERATION/ AIRCREW OFF	ENL	MAINTENANCE OFF	ENL	O&M/OTHER OFF	ENL	TEAM OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued) ACDU (Continued)													
MCS-12/USS Inchon/20009	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-2/USS Saipan/20632	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-4/USS Nassau/20725	0	1	0	0	0	1	0	0	0	0	AO	6802	
CVN-71/USS Roosevelt/21247	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-73/USS Washington/21412	0	8	0	0	0	8	0	0	0	0	AO	6802	
LHD-1/USS Wasp/21560	0	2	0	0	0	2	0	0	0	0	AO	6802	
LHD-2/USS Essex/21533	0	2	0	0	0	2	0	0	0	0	AO	6802	
LHD-3/USS Kearsarge/21700	0	2	0	0	0	2	0	0	0	0	AO	6802	

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued) ACDU (Continued)													
LHD-4/USS Boxer/21808	0	2	0	0	0	2	0	0	0	0	AO	6802	
CVN-74/USS Stennis/21847	0	8	0	0	0	8	0	0	0	0	AO	6802	
CVN-75/USS Truman/21853	0	6	0	0	0	6	0	0	0	0	AO	6802	
LHD-5/USS Bataan/21879	0	2	0	0	0	2	0	0	0	0	AO	6802	
A/C OPDET Cecil Field/35760	0	1	0	0	0	1	0	0	0	0	AO	6802	
A/C OPDET Oceana/35672	0	4	0	0	0	4	0	0	0	0	AO	6802	
A/C OPDET Roosevelt Roads/ 35682	0	1	0	0	0	1	0	0	0	0	AO	6802	

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued)													
ACDU (Continued)													
AIMD Cecil Field/44315	0	14	0	0	0	14	0	0	0	0	AO	6802	
AIMD Key West/44320	0	2	0	0	0	2	0	0	0	0	AO	6802	
AIMD Oceana/ 60191	0	26	0	0	0	26	0	0	0	0	AO	6802	
AIMD Roosevelt Roads/35682	0	5	0	0	0	5	0	0	0	0	AO	6802	
SEAOPDET Cecil Field/46961	0	15	0	0	0	15	0	0	0	0	AO	6802	
SEAOPDET Oceana/46963	0	16	0	0	0	16	0	0	0	0	AO	6802	
COMNAVAIR-LANT/57012	0	1	0	0	0	1	0	0	0	0	AO	6802	

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	ENL	OPERATION/ AIRCREW OFF	ENL	MAINTENANCE OFF	ENL	O&M/OTHER OFF	ENL	TEAM OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued)													
ACDU (Continued)													
NAS North Island/00246	0	3	0	0	0	3	0	0	0	0	AO	6802	
AIMD Memphis/ 00639	0	1	0	0	0	1	0	0	0	0	AO	6802	
CV-61/USS Ranger/03361	0	2	0	0	0	2	0	0	0	0	AO	6802	
CV-62/USS Independence/ 00362	0	15	0	0	0	15	0	0	0	0	AO	6802	
CV-63/USS Kitty Hawk/ 03363	0	8	0	0	0	8	0	0	0	0	AO	6802	
CV-64/USS Constellation/ 03364	0	11	0	0	0	11	0	0	0	0	AO	6802	

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued) ACDU (Continued)													
CVN-68/USS Nimitz/03368	0	8	0	0	0	8	0	0	0	0	AO	6802	
NAWS Point Mugu/63126	0	5	0	0	0	5	0	0	0	0	AO	6802	
LPH-10/USS Tripoli/07198	0	1	0	0	0	1	0	0	0	0	AO	6802	
LPH-11/USS New Orleans/ 07202	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-1/USS Tarawa/20550	0	1	0	0	0	1	0	0	0	0	AO	6802	
LHA-3/USS Belleau Wood/ 20633	0	1	0	0	0	1	0	0	0	0	AO	6802	

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

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

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued) ACDU (Continued)													
AIMD North Island/44326	0	14	0	0	0	14	0	0	0	0	AO	6802	
AIMD Whidbey Island/44329	0	20	0	0	0	20	0	0	0	0	AO	6802	
NAWS Point Mugu/63126	0	2	0	0	0	2	0	0	0	0	AO	6802	
SEAOPDET Miramar/46962	0	9	0	0	0	9	0	0	0	0	AO	6802	
SEAOPDET Lemoore/46964	0	11	0	0	0	11	0	0	0	0	AO	6802	
SEAOPDET Whidbey Island/ 46967	0	19	0	0	0	19	0	0	0	0	AO	6802	
SEAOPDET North Island/ 46968	0	5	0	0	0	5	0	0	0	0	AO	6802	

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued) ACDU (Continued)													
NAVAIRWPN-MAINTUN/52821	0	5	0	0	0	5	0	0	0	0	AO	6802	
NAWCWD Point Mugu/63126	0	1	0	0	0	1	0	0	0	0	AO	6802	
TOTALS:	0	361	0	0	0	361	0	0	0	0			
NEC 6802 TAR													
RAIMD Atlanta/ 44486	0	6	0	0	0	6	0	0	0	0	AO	6802	
RAIMD Willow Grove/44493	0	2	0	0	0	2	0	0	0	0	AO	6802	
NAVAIRES Jacksonville/ 63099	0	1	0	0	0	1	0	0	0	0	AO	6802	

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued) TAR (Continued)													
NAVAIRES Norfolk/63102	0	1	0	0	0	1	0	0	0	0	AO	6802	
RAIMD Dallas/ 44487	0	3	0	0	0	3	0	0	0	0	AO	6802	
RAIMD New Orleans/44490	0	2	0	0	0	2	0	0	0	0	AO	6802	
TOTALS:	0	15	0	0	0	15	0	0	0	0			
NEC 6802 SELRES													
CVN-62/USS Independence/ 00362	0	1	0	0	0	1	0	0	0	0	AO	6802	
CV-64/USS Constellation/ 03364	0	3	0	0	0	3	0	0	0	0	AO	6802	
TOTALS:	0	4	0	0	0	4	0	0	0	0			

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

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NEC 6802 (Continued)													
ACDU (Continued)													
NEC 6802													
TOTALS:	0	380	0	0	0	380	0	0	0	0			

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

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

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

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

DATE: Nov 95

UNIT/ACTIVITY/SQUDRON/HULL NO/UIC	FY96	FY97	FY98	FY99	FY00
LPH-9/USS Guam/07178		1			
LPH-11/USS New Orleans/07202			1		
CV-67/USS Kennedy/03367			1		

NOTE: This represents NEC 6801 and NEC 6802 billets being deleted from the above ships.

II.A.2.c. Total Number of Billets Required by Fleet Support Units and/or Activities - Old

FLEET SUPPORT UNIT/ UIC	TOTAL PER UNIT OFF	TOTAL PER UNIT ENL	OPERATION/ AIRCREW OFF	OPERATION/ AIRCREW ENL	MAINTENANCE OFF	MAINTENANCE ENL	O&M/OTHER OFF	O&M/OTHER ENL	TEAM OFF	TEAM ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
LPH-9/USS Guam/07178	0	2	0	0	0	2	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6802	
LPH-11/USS New Orleans/ 07202	0	2	0	0	0	2	0	0	0	0	AO	6801	
	0	1	0	0	0	1	0	0	0	0	AO	6802	
CV-67/USS Kennedy/03367	0	2	0	0	0	2	0	0	0	0			
TOTALS:	0	8	0	0	0	8	0	0	0	0			

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

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

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

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

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

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

COURSE/TYPE OF TRAINING/CIN	SCHOOL LOCATION/ UIC		PREVIOUS FYs OFF	PREVIOUS FYs ENL	FY96 OFF	FY96 ENL	FY97 OFF	FY97 ENL	FY98 OFF	FY98 ENL	FY99 OFF	FY99 ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
INSTRUCTORS - Maintenance															
D-646-7007/ General Shipboard/ NAS Weapons Department AVORD Maint.	MTU 4032/ NAMTG NAS Norfolk/ 66046	ACDU	0	6									AO	6801	9502
		SELRES	0	2									AO	6801	9502
	MTU 4030/ NAMTG NAS Mayport/ 66069	ACDU	0	1									AO	6801	9502
E-646-7707/ General Shipboard/ NAS Weapons Department AVORD Maint.	MTU 4033/ NAMTG NAS North Island/ 66065	ACDU	0	4									AO	6801	9502
D-646-7701/ Strike Armament Systems Intermediate Maintenance	MTU 4030/ NAMTG NAS Mayport/ 66069	ACDU	0	4									AO	6802	9502

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

COURSE/TYPE OF TRAINING/CIN	SCHOOL LOCATION/ UIC	PREVIOUS FYs OFF	PREVIOUS FYs ENL	FY96 OFF	FY96 ENL	FY97 OFF	FY97 ENL	FY98 OFF	FY98 ENL	FY99 OFF	FY99 ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
INSTRUCTORS - Maintenance (Continued)														
E-646-7701/ Strike Armament Systems Intermediate Maintenance	MTU 4033/ ACDU NAMTG NAS North Island/ 66065	0	4									AO	6802	9502
	USN TOTALS:	0	21											

NOTE: All instructors are in place.

II.A.5. Chargeable Student Billet Requirements

ACTIVITY/LOCATION/UIC		FY96 OFF	FY96 ENL	FY97 OFF	FY97 ENL	FY98 OFF	FY98 ENL	FY99 OFF	FY99 ENL	FY00 OFF	FY00 ENL
MTU 4032/NAS Norfolk/66046	USN	0	5	0	5	0	5	0	5	0	5
MTU 4030/NAS Mayport/66069	USN	0	13	0	13	0	13	0	13	0	13
MTU 4033/NAS North Island/66065	USN	0	17	0	17	0	18	0	17	0	17
	USN TOTALS:	0	35	0	35	0	36	0	35	0	35

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

		BILLET BASE	FY96 +/-	FY96 CUM	FY97 +/-	FY97 CUM	FY98 +/-	FY98 CUM	FY99 +/-	FY99 CUM	FY00 +/-	FY00 CUM
a. OFFICER	NA											
b. ENLISTED												
Fleet Billets	ACDU/TAR	7		7		7		7		7		7
	SELRES	2		2		2		2		2		2
Fleet Support Billets	ACDU/TAR	629		629	-1	628	+1	629		629		629
	SELRES	4		4		4		4		4		4
Staff Billets (Instructor/ Support)	ACDU/TAR	19		19		19		19		19		19
	SELRES	2		2		2		2		2		2
Chargeable Student Billets	ACDU/TAR	35		35		35	+1	36	-1	35		35

II.B. PERSONNEL REQUIREMENTS

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

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

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

COURSE/TYPE OF TRAINING	ACDU/ TAR/ SELRES	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	CIN	FY96 OFF	FY96 ENL	FY97 OFF	FY97 ENL	FY98 OFF	FY98 ENL	FY99 OFF	FY99 ENL	FY99 OFF	FY99 ENL
OPERATOR/AIRCREW			NA.												
OPERATION & MAINTENANCE			NA.												
TEAM			NA.												
MAINTENANCE															
General Ship-board NAS Weapons Dept. AVORD Maintenance	ACDU	AO	6801		646-7007	0	94	0	95	0	94	0	94	0	95
Course Length: 6.0 weeks		Course Attrition Factor: 10%				Sea Tour Length: 36.0 months					Backout Factor: 0.12				
Strike Armament NAS Weapons Dept. AVORD Maintenance	ACDU	AO	6802		646-7001	0	139	0	141	0	143	0	139	0	141
	TAR	AO	6802		646-7001	0	5	0	6	0	5	0	5	0	6
Course Length: 9.8 weeks		Course Attrition Factor: 10%				Sea Tour Length: 36.0 months					Backout Factor: 0.20				
		USN TOTALS:	ACDU			0	233	0	236	0	237	0	233	0	236
			TAR			0	5	0	6	0	5	0	5	0	6

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

COURSE/TYPE OF TRAINING	RESERVE ACTIVITY	RANK/ RATING	PNEC/ PMOS	SNEC/ SMOS	CIN	FY96 OFF	FY96 ENL	FY97 OFF	FY97 ENL	FY98 OFF	FY98 ENL	FY99 OFF	FY99 ENL	FY99 OFF	FY99 ENL
OPERATOR/AIRCREW			NA.												
OPERATION & MAINTENANCE			NA.												
TEAM			NA.												
MAINTENANCE															
Strike Armament Systems Intermediate Maintenance	VF-201/	AO	6802		646-7001	0	2	0	2	0	2	0	2	0	2
System Intermediate Maintenance	CV-62/ CV-64														
				USN TOTAL:		0	2	0	2	0	2	0	2	0	2

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

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

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

COURSE/TYPE OF TRAINING	SOURCE OF REQUIREMENT	ACDU/ TAR/ SELRES	PNEC/ PMOS	SNEC/ SMOS	FY96 OFF	FY96 ENL	FY97 OFF	FY97 ENL	FY98 OFF	FY98 ENL	FY99 OFF	FY99 ENL	FY00 OFF	FY00 ENL
OPERATION/AIRCREW ..... NA.														
OPERATION & MAINT ..... NA.														
TEAM ..... NA.														
MAINTENANCE														
646-7007/	Fleet Support	ACDU	6801		0	94	0	95	0	94	0	94	0	95
General Shipboard/	Instructor	ACDU	6801	9502	0	4	0	3	0	4	0	4	0	3
NAS Weapons	Instructor	SELRES	6801	9502	0	1	0	1	0	0	0	1	0	1
Dept. AVORD Maintenance														
646-7001/	Fleet	ACDU	6802		0	2	0	3	0	2	0	2	0	3
Strike Armanent	Fleet	SELRES	6802		0	1	0	1	0	1	0	1	0	1
Systems Interme-	Fleet Support	ACDU	6802		0	137	0	138	0	141	0	137	0	138
diate Maintenance	Fleet Support	TAR	6802		0	5	0	6	0	5	0	5	0	6
	Fleet Support	SELRES	6802		0	1	0	1	0	1	0	1	0	1
	Instructor	ACDU	6802	9502	0	3	0	3	0	2	0	3	0	3
	USN ACDU TOTALS:				0	240	0	242	0	243	0	240	0	242
	TAR TOTALS:				0	5	0	6	0	5	0	5	0	6
	SELRES TOTALS:				0	3	0	3	0	2	0	3	0	3

PART III - TRAINING REQUIREMENTS

III.A. TRAINING COURSE AND TRAINING INPUT REQUIREMENTS

III.A.1. Initial Training

* Initial training has been completed.

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

TRAINING ACTIVITY/ LOCATION/UIC	COURSE/TYPE OF TRAINING	DATE BEGIN/ COURSE LENGTH/ MAX CLASS SIZE/ ACDU/TAR/SELRES	FY96 OFF	FY96 ENL	FY97 OFF	FY97 ENL	FY98 OFF	FY98 ENL	FY99 OFF	FY99 ENL	FY00 OFF	FY00 ENL	
MTU 4032/	D-646-7007/	On Line/	0	49	0	48	0	49	0	49	0	48	Total Input
NAMTG NAS	General Shipboard/	40 days	0	49	0	48	0	49	0	49	0	48	N Input
Norfolk/	NAS Weapons Dept.	10/	0	44	0	43	0	44	0	44	0	43	N Output
66046	AVORD Maintenance	ACDU	0.0	5.1	0.0	5.0	0.0	5.1	0.0	5.1	0.0	5.0	N AOB
			0.0	5.1	0.0	5.0	0.0	5.1	0.0	5.1	0.0	5.0	N Chargeable
MTU 4030/	D-646-7007/	On Line/	0	8	0	9	0	8	0	8	0	9	Total Input
NAMTG NAS	General Shipboard/	40 days	0	8	0	9	0	8	0	8	0	9	N Input
Mayport/	NAS Weapons Dept.	10/	0	7	0	8	0	7	0	7	0	8	N Output
66069	AVORD Maintenance	ACDU	0.0	0.8	0.0	0.9	0.0	0.8	0.0	0.8	0.0	0.9	N AOB
			0.0	0.8	0.0	0.9	0.0	0.8	0.0	0.8	0.0	0.9	N Chargeable
MTU 4033/	E-646-7007/	On Line/	0	41	0	41	0	41	0	41	0	41	Total Input
NAMTG NAS	General Shipboard/	40 days	0	41	0	41	0	41	0	41	0	41	N Input
North Island/	NAS Weapons Dept.	10/	0	37	0	37	0	37	0	37	0	37	N Output
66065	AVORD Maintenance	ACDU	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	N AOB
			0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	N Chargeable
MTU 4030/	D-646-7001/	On Line/	0	72	0	72	0	70	0	72	0	73	Total Input
NAMTG NAS	Strike Armament	65 days	0	69	0	69	0	67	0	69	0	69	N Input
Mayport/	Systems	8/	0	62	0	62	0	60	0	62	0	62	N Output
66069	Intermediate	ACDU	0.0	11.7	0.0	11.7	0.0	11.3	0.0	11.7	0.0	11.7	N AOB
	Maintenance		0.0	11.7	0.0	11.7	0.0	11.3	0.0	11.7	0.0	11.7	N Chargeable

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

TRAINING ACTIVITY/ LOCATION/UIC	COURSE/TYPE OF TRAINING	DATE BEGIN/ COURSE LENGTH/ MAX CLASS SIZE/ ACDU/TAR/SELRES	FY96 OFF	FY96 ENL	FY97 OFF	FY97 ENL	FY98 OFF	FY98 ENL	FY99 OFF	FY99 ENL	FY00 OFF	FY00 ENL	
MTU 4030/	D-646-7001/	65 days/	0	3	0	4	0	3	0	3	0	4	N Input
NAMTG NAS	Strike Armament	8/	0	3	0	4	0	3	0	3	0	4	N Output
Mayport/	Systems	TAR	0.0	0.5	0.0	0.7	0.0	0.5	0.0	0.5	0.0	0.7	N AOB
66069	Intermediate		0.0	0.5	0.0	0.7	0.0	0.5	0.0	0.5	0.0	0.7	N Chargeable
(Continued)	Maintenance (Continued)												
MTU 4033/	E-646-7001/	On Line/	0	77	0	79	0	82	0	77	0	79	Total Input
NAMTG NAS	Strike Armament	65 days	0	73	0	75	0	78	0	73	0	75	N Input
North Island/	Systems	8/	0	66	0	67	0	70	0	66	0	67	N Output
66065	Intermediate	ACDU	0.0	12.4	0.0	12.6	0.0	13.2	0.0	12.4	0.0	12.6	N AOB
	Maintenance		0.0	12.4	0.0	12.6	0.0	13.2	0.0	12.4	0.0	12.6	N Chargeable
		65 days	0	2	0	2	0	2	0	2	0	2	N Input
		8/	0	2	0	2	0	2	0	2	0	2	N Output
		TAR	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	N AOB
			0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	N Chargeable
		65 days	0	2	0	2	0	2	0	2	0	2	N Input
		8/	0	2	0	2	0	2	0	2	0	2	N Output
		SELRES	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	N AOB
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N Chargeable
	TOTAL NAVY AOB:		0.0	35.6	0.0	36.0	0.0	36.0	0.0	35.6	0.0	36.0	
	TOTAL NAVY CHARGEABLE:		0.0	35.2	0.0	35.6	0.0	35.6	0.0	35.2	0.0	35.6	

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the SLAM ER Missile and, therefore, are not included in Part IV of this NTP

IV.A. TRAINING HARDWARE REQUIREMENTS

IV.A.1. Technical Training Equipment (* Note 1)

IV.A.3. Electronic Test Equipment - General Purpose/Special Purpose

IV.B. INITIAL TRAINING REQUIREMENTS

IV.B.1. Training Services

IV.B.3. Training Aids (Instructional Aids)

IV.C. FACILITY SUPPORT REQUIREMENTS

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

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

IV.C.3. Facility Project Summary by Program

Note 1: The AN/AWW-13 POD is not required for captive flight or load drill training of the SLAM ER training shapes. The POD will be required for Man-In-The-Loop training which is conducted at assigned tactical squadrons.

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE REQUIREMENTS

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

Description: AN/DSM-127, Missile Subsystem Test Set

Purpose: Used for fault isolation testing for WRA/SRA level at the depot level. Training for the AN/DSM-127 is conducted as "On the Job Training" at WEPSTA Yorktown and is not contained in this section.

Description: TS-3519D/DSM, Air Launch Missile Test Set Simulator

Purpose: Portable unit, simulates SLAM ER missile and interfaces with aircraft pylons for fault isolation testing.

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

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

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

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

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	GENERAL PURPOSE	SPECIAL PURPOSE	SPECIAL TOOLS	QTY REQD	DATE REQD
and E-2A-0605/ F/A-18 Fleet Replacement Pilot Category 2H **and** E-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4						
C-646-2010/ AO A1 School	AO "A" School/ NATTC Memphis/ 30459		TS-3519D/DSM		1	On hand
D-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance	NAMTG MTU 1039/ NAS Cecil Field/ 66050		TS-3519D/DSM		1	On hand
E-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance	NAMTG MTU 1038/ NAS Lemoore/ 66060		TS-3519D/DSM		1	On hand

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

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	GENERAL PURPOSE	SPECIAL PURPOSE	SPECIAL TOOLS	QTY REQD	DATE REQD
E-646-0640/ F/A-18 Conv Wpns Release and Loading **and** E-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSP/ NAS Lemoore/ 35185		TS-3519D/DSM		1	On hand
D-646-0640/ F/A-18 Conv Wpns Release and Loading **and** D-646-0647/ F/A-18 Conv Wpns Release System Test	SFWSL/ NAS Cecil Field/47084		TS-3519D/DSM		1	On hand
C-122-3111/ Air Launched Guided Missile Intermediate Level Maintenance	NAMTG MTU 4030/ NAS Mayport/ 66069		TS-3519D/DSM		1	On hand

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

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	GENERAL PURPOSE	SPECIAL PURPOSE	SPECIAL TOOLS	QTY REQD	DATE REQD
and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors **and** C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance						
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance **and** C-646-4108/ Weapons Dept Air Launched Weapons Supervisors **and** C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	NAMTG MTU 4032/ NAS Norfolk/ 66046		TS-3519D/DSM		1	On hand

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

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	GENERAL PURPOSE	SPECIAL PURPOSE	SPECIAL TOOLS	QTY REQD	DATE REQD
C-122-3111/ Air Launched Guided Missile Intermediate Level Maintenance **and** C-646-4108/ Weapons Dept Air Launched Weapons Supervisors **and** C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	NAMTG MTU 4033/ NAS North Island/ 66065		TS-3519D/DSM		1	On hand

IV.A.4. Repair Parts for Technical Training Equipment

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

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

IV.A.5. Training Devices

Description of Device: The Strike Fighter Training System (SFTS) is a DOS/Windows personal computer based squadron trainer, which will host operator training software. SFTS supports advanced multi-media computer-based training and interactive courseware.

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
D-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 **and** D-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A **and** D-2A-0604/ F/A-18 Category 3A (Attack) Fleet Replacement Pilot **and** D-2A-0606/ F/A-18 Category 4 Fleet Replacement Pilot	VFA-106/ NAS Cecil Field/ 09679	SFTS	1	TBD

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
E-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 **and** E-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A **and** E-2A-0603/ F/A-18 Fleet Replacement Pilot Category 2F **and** E-2A-0604 F/A-18 Fleet Replacement Pilot Category 3A **and** E-2A-0605/ F/A-18 Fleet Replacement Pilot Category 2H	VFA-125/ NAS Lemoore/ 65559	SFTS	1	TBD

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
and E-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4				
E-646-0640/ F/A-18 Conventional Weapons Release and Loading **and** E-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSP/ NAS Lemoore/ 35185	SFTS	1	TBD
D-646-0640/ F/A-18 Conventional Weapons Release and Loading **and** D-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSL/ NAS Cecil Field/47084	SFTS	1	TBD

IV.A.5. Training Devices (Continued)

Description of Device: Captive Air Training Missile (CATM) - The CATM is an inert, captive flight trainer which permits realistic exercise of the SLAM ER Missile.

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
D-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 **and** D-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A **and** D-2A-0604/ F/A-18 Category 3A (Attack) Fleet Replacement Pilot **and** D-2A-0606/ F/A-18 Category 4 Fleet Replacement Pilot	VFA-106/ NAS Cecil Field/ 09679	CATM	1	On hand

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
E-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 **and** E-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A **and** E-2A-0603/ F/A-18 Replacement Pilot Category 2F **and** E-2A-0604/ F/A-18 Fleet Replacement Pilot Category 3A **and** E-2A-0605/ F/A-18 Fleet Replacement Pilot Category 2H	VFA-125/ NAS Lemoore/ 65559	CATM	1	On hand

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
and E-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4				
C-646-2010/ AO A1 School	NATTC/ NAS Memphis/ 30459	DATM	1	Note 1
D-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance	NAMTG MTU 1039/ NAS Cecil Field/ 66050	DATM	1	Note 1
E-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance	NAMTG MTU 1038/ NAS Lemoore/ 66060	DATM	1	Note 1

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

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
E-646-0640/ F/A-18 Conventional Weapons Release and Loading **and** E-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSP/ NAS Lemoore/ 35185	DATM	1	Note 1
D-646-0640/ F/A-18 Conventional Weapons Release and Loading **and** D-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSL/ NAS Cecil Field/47084	DATM	1	Note 1

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

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance **and** C-646-4108/ Weapons Dept Air Launched Weapons Supervisors **and** C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance	NAMTG MTU 4030/ NAS Mayport/ 66069	DATM	1	Note 1
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance	NAMTG MTU 4032/ NAS Norfolk/ 66046	DATM	1	Note 1

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

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
and C-646-4108/ Weapons Dept Air Launched Weapons Supervisors **and** C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance				
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance **and** C-646-4108/ Weapons Dept Air Launched Weapons Supervisors	NAMTGD MTU 4033/ NAS North Island/ 66065	DATM	1	Note 1

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

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
and C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance				
Pipeline Spare	NSWC IHD MD/30446	CATM	1	Note 1
Load/Handling and Capt. Flt.	CV POOL LANT	CATM	6	Note 1
Load/Handling and Capt. Flt.	CV POOL PAC	CATM	6	Note 1

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

IV.A.5. Training Devices (Continued)

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

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
A-431/0011/ EOD Phase II Training **and** A-431-0012/ EOD Phase II Other	NAVSCOLEOD/ NSWC Indian Head MD/42136	PEST	3	On hand
G-431-0001/ EOD Pre-Deployment Training **and** G-431-0003/ EOD Shore Detachment Training **and** G-431-0005/ EOD Mobile Team Training	EODTEU ONE/ Barbers Point/ 30202	PEST	1	On hand

IV.A.5. Training Devices (Continued)

COURSE/TYPE OF TRAINING	LOCATION/ SCHOOL/UIC	DEVICE	QTY REQD	DATE REQD
G-431-0001/ EOD Pre-Deployment Training **and** G-431-0003/ EOD Shore Detachment Training **and** G-431-0005/ EOD Mobile Team Training	EODTEU TWO/ Fort Story/ 43505	PEST	1	On hand

IV.B.2. Curricula Materials

COURSE/TYPE OF TRAINING	SCHOOL LOCATION	TYPE OF MATERIAL	QTY REQ'D	DATE REQ'D
D-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 **and** D-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A **and** D-2A-0604/ F/A-18 Category 3A (Attack) Fleet Replacement Pilot **and** D-2A-0606/ F/A-18 Category 4 Fleet Replacement Pilot	VFA-106/ NAS Cecil Field/ 09679	Curricula Material Update Package for AGM-84-H	1	On hand
E-2A-0601/ F/A-18 Fleet Replacement Pilot Category 1 **and**	VFA-125/ NAS Lemoore/ 65559	Curricula Material Update Package for AGM-84H	1	On hand

IV.B.2. Curricula Materials (Continued)

COURSE/TYPE OF TRAINING	SCHOOL LOCATION	TYPE OF MATERIAL	QTY REQ'D	DATE REQ'D
E-2A-0602/ F/A-18 Fleet Replacement Pilot Category 2A **and** E-2A-0604/ F/A-18 Category 3A (Attack) Fleet Replacement Pilot **and** E-2A-0605/ F/A-18 Fleet Replacement Pilot Category 2H **and** E-2A-0606/ F/A-18 Fleet Replacement Pilot Category 4				
C-646-2010/ AO A1 School	NATTC/ Memphis/ 30459	Curricula Material Update Package for AGM-84H	1	On hand

IV.B.2. Curricula Materials (Continued)

COURSE/TYPE OF TRAINING	SCHOOL LOCATION	TYPE OF MATERIAL	QTY REQ'D	DATE REQ'D
E-646-0640/ F/A-18 Conventional Weapon Release and Loading **and** E-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSP/ NAS Lemoore/ 35185	Curricula Material Update Package for AGM-84H	1	On hand
D-646-0640/ F/A-18 Conventional Weapon Release and Loading **and** D-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSL/ NAS Cecil Field/47084	Curricula Material Update Package for AGM-84H	1	On hand
D-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance	NAMTG MTU 1039/ NAS Cecil Field/66050	Curricula Material Update Package for AGM-84H	1	On hand

IV.B.2. Curricula Materials (Continued)

COURSE/TYPE OF TRAINING	SCHOOL LOCATION	TYPE OF MATERIAL	QTY REQ'D	DATE REQ'D
E-646-9974/ F/A-18 Stores Mgt Integrated Org. Maintenance	NAMTG MTU 1038/ NAS Lemoore/ 66050	Curricula Material Update Package for AGM-84H	1	On hand
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance **and** C-646-4108/ Weapons Dept. Air Launched Weapons Supervisors **and** C-646-4109/ Weapons Dept. Air Launched Weapons General Ordnance	NAMTG MTU 4030/ NAS Mayport/ 66064	Curricula Material Update Package for AGM-84H	1	On hand
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance **and**	NAMTG MTU 4032/ NAS Norfolk/ 66046	Curricula Material Update Package for AGM-84H	1	On hand

IV.B.2. Curricula Materials (Continued)

COURSE/TYPE OF TRAINING	SCHOOL LOCATION	TYPE OF MATERIAL	QTY REQ'D	DATE REQ'D
C-646-4108/ Weapons Dept. Air Launched Weapons Supervisors **and** C-646-4109/ Weapons Dept. Air Launched Weapons General Ordnance				
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance **and** C-646-4108/ Weapons Dept. Air Launched Weapons Supervisors **and** C-646-4109/ Weapons Dept. Air Launched Weapons General Ordnance	NAMTG MTU 4033/ NAS North Island/ 66065	Curricula Material Update Package for AGM-84H	1	On hand

IV.B.2. Curricula Materials (Continued)

COURSE/TYPE OF TRAINING	SCHOOL LOCATION	TYPE OF MATERIAL	QTY REQ'D	DATE REQ'D
A-431-0011/ EOD Phase II Navy **and** A-431-0012/ EOD Phase II Other	NAVSCOLEOD/ NSWC Indian Head/42136	Curricula Material Update Package for AGM-84H	1	On hand
G-431-0001/ EOD Pre-Deployment Training **and** G-431-0003/ EOD Shore Detachment Training **and** G-431-0005/ EOD Mobile Team Training	EODTEU ONE/ NAS Barbers Point/ 30202	Curricula Material Update Package for AGM-84H	1	On hand
G-431-0001/ EOD Pre-Deployment Training **and** G-431-0003/ EOD Shore Detachment Training	EODTEU TWO/ Fort Story/ 43505	Curricula Material Update Package for AGM-84H	1	On hand

IV.B.2. Curricula Materials (Continued)

COURSE/TYPE OF TRAINING	SCHOOL LOCATION	TYPE OF MATERIAL	QTY REQ'D	DATE REQ'D
and G-431-0005/ EOD Mobile Team Training				

IV.B.4. Technical Manuals

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

IV.B.4. Technical Manuals (Continued)

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	TECHNICAL MANUAL TITLE and NUMBER	MEDIUM	QTY REQD	DATE REQD
E-2A-0602/ F/A-18 Cat. 2A Fleet Replacement Pilot **and** E-2A-0603/ F/A-18 Cat. 2F Fleet Replacement Pilot **and** E-2A-0604/ F/A-18 Cat. 3A Fleet Replacement Pilot **and** E-2A-0605/ F/A-18 Cat. 2H Fleet Replacement Pilot **and** E-2A-0606/ F/A-18 Cat. 4 Fleet Replacement Pilot					

IV.B.4. Technical Manuals (Continued)

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	TECHNICAL MANUAL TITLE and NUMBER	MEDIUM	QTY REQD	DATE REQD
C-646-2010/ AO A1 School	NATTC/ Memphis, TN/30459	NAVSEA OP-2173, Approved Handling Equip for Wpns & Explosives Vol 1, II A1-F18AC- LWS-000, Airborne Wpns Stores Loading Manual, F-18 Aircraft NA 11-120A-1.2, Airborne Weapons Packaging/ Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard) NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based) NA 19-100-2, USN Handling Equipment Afloat NAVSEA OP-4, Ammunition and Explosives - Afloat NAVSEA OP-5, Ammunition and Explosives - Ashore	Hard Copy	8	On hand
E-646-0640/ F/A-18 Weapons Release and Loading **and** E-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSP/ NAS Lemoore/ 35185	A1-F18AC-LWS-000, Airborne Wpns/Stores Loading Manual, F-18 Aircraft	Hard Copy	8	On hand

IV.B.4. Technical Manuals (Continued)

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	TECHNICAL MANUAL TITLE and NUMBER	MEDIUM	QTY REQD	DATE REQD
D-646-0640/ F/A-18 Weapons Release and Loading **and** D-646-0647/ F/A-18 Conventional Weapons Release System Test	SFWSL/ NAS Cecil Field/ 47084	A1-F18AC-LWS-000, Airborne Wpns/Stores Loading Manual, F-18 Aircraft	Hard Copy	8	On hand
D-646-9947/ F/A-18 Stores Mgt Integrated Org. Maint.	NAMTG MTU 1039/NAS Cecil Field/66050	A1-F18AC-LWS-000, Airborne Weps/ Stores Loading Manual, F-18 Aircraft	Hard Copy	8	On hand
E-646-9947/ F/A-18 Stores Mgt Integrated Org. Maint.	NAMTG MTU 1038/NAS Lemoore/66060	A1-F18AC-LWS-000, Airborne Weps/ Stores Loading Manual, F-18 Aircraft	Hard Copy	8	On hand
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance	NAMTG MTU 4030/NAS Mayport/66069	NA 11-120A-1.2, Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Weapons/Stores	Hard Copy	8	On hand

IV.B.4. Technical Manuals (Continued)

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	TECHNICAL MANUAL TITLE and NUMBER	MEDIUM	QTY REQD	DATE REQD
and		Checklist Transporting and Loading Equipment Configuration (Shore Based)			
C-646-4108/ Weapons Dept Air Launched Weapons Supervisors		NAVSEA OP-4, Ammunition and Explosives Afloat NA 19-100-2, USN Handling Equipment Afloat			
and					
C-646-4109/ Weapons Dept Air Launched Weapons General Ordnance		NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading NAVSEA OP-5, Ammunition and Explosives Ashore NAVSEA OP-2173, Approved Handling Equip for Weapons and Explosives Vols. I, II AW-820HN-NWS-300	Hard Copy	8	On hand
C-122-3111/ Air Launched Guided Missile Intermediate Maintenance	NAMTG MTU 4032/NAS Norfolk/66046	NA 11-120A-1.2, Airborne Wpns/ Packaging Handling/Storage Shipboard Vol. 2 NA 19-95-1, Airborne Wpns/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard)	Hard Copy	8	On hand
and					
C-646-4108/ Weapons Dept. Air Launched Weapons Supervisors		NA 19-95-3, Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based)			

IV.B.4. Technical Manuals (Continued)

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	TECHNICAL MANUAL TITLE and NUMBER	MEDIUM	QTY REQD	DATE REQD
and		NA 19-100-2, USN Handling Equip Afloat			
C-646-4109/		NAVSEA OP-4, Ammunition and Explosives Afloat			
Weapons Dept. Air		NAVSEA OP-5, Ammunition and Explosives Ashore			
Launched Weapons		NAVSEA OP-2173, Approved Handling Equip			
General Ordnance		for Weapons and Explosives, Vols. I, II			
		AW-820HN-NWS-300			
C-122-3111/	NAMTG MTU	NA 11-120A-1.2, Airborne Wpns/	Hard Copy	8	On hand
Air Launched	4033/NAS North	Packaging Handling/Storage Shipboard			
Guided Missile	Island/66065	Vol. 2			
Intermediate		NA 19-95-1, Airborne Wpns/Stores Checklist			
Maintenance		Transporting and Loading Equipment			
and		Configuration (Shipboard)			
C-646-4108/		NA 19-95-3, Airborne Weapons/Stores			
Weapons Dept Air		Checklist Transporting and Loading			
Launched Weapons		Equipment Configuration (Shore Based)			
Supervisors		NA 19-100-2, USN Handling Equip Afloat			
and		NAVSEA OP-4, Ammunition and Explosives			
C-646-4109/		Afloat			
Weapons Dept Air		NAVSEA OP-5, Ammunition and Explosives			
Launched Weapons		Ashore			
General Ordnance		NAVSEA OP-2173, Approved Handling Equip			
		for Weapons and Explosives Vols. I, II			
		AW-820HN-NWS-300			

IV.B.4. Technical Manuals (Continued)

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	TECHNICAL MANUAL TITLE and NUMBER	MEDIUM	QTY REQD	DATE REQD
A-431-0011/ EOD Phase II (Navy)	NAVSCOLEOD/ NSWC Indian Head/30446	NAVSEA OP-5, Ammunition and Explosives NA 19-95-3, Airborne Weapons/Stores A1-F18AC-LWS-000, Airborne Wpns Stores Loading Manual, F-18 Aircraft	Hard Copy	8	On hand
G-431-0001/ EOD Pre-Deployment Training **and** G-431-0003/ EOD Shore Detachment Training **and** G-431-0005 EOD Mobile Team Training	EODTEU ONE/ NAS Barbers Point/30202	NAVSEA OP-5, Ammunition and Explosives NA 19-95-3, Airborne Weapons/Stores A1-F18AC-LWS-000, Airborne Wpns Stores Loading Manual, F-18 Aircraft	Hard Copy	8	On hand
G-431-0001/ EOD Pre-Deployment Training **and** G-431-0003/ EOD Shore Detachment Training	EODTEU TWO/ Fort Story/ 43505	NAVSEA OP-5, Ammunition and Explosives NA 19-95-3, Airborne Weapons/Stores A1-F18AC-LWS-000, Airborne Wpns Stores Loading Manual, F-18 Aircraft	Hard Copy	8	On hand

IV.B.4. Technical Manuals (Continued)

COURSE/TYPE OF TRAINING	SCHOOL/ LOCATION/UIC	TECHNICAL MANUAL TITLE and NUMBER	MEDIUM	QTY REQD	DATE REQD
and G-431-0005 EOD Mobile Team Training					

PART V MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	REMARKS
PDA	COMMENCE ANALYSIS OF MANPOWER, PERSONNEL AND TRAINING REQUIREMENTS	FY94	COMPLETE
PDA	PRODUCTION CONTRACT AWARDED (N00019-95-C-0121)	Mar 95	COMPLETE
PDA	PROMULGATE DRAFT NTP TO ALCON FOR REVIEW AND COMMENT	Jan 96	COMPLETE
ACNO (MPT)	APPROVE AND PROMULGATE NTP	Jul 96	COMPLETE
ACNO/DMSO SPONSOR	CHAIR NTPC	As Required	
PDA	ILS MASTER PLAN PROMULGATED	TBD	
TSA	FACTORY TRAINING AND CURRICULUM MATERIAL CONTRACT AWARDED	TBD	
ACNO (MPT)	PROMULGATE UPDATE NTP	TBD	
ACNO/DMSO SPONSOR	NTP UPDATE CONFERENCE	TBD	
ACNO (MPT)	APPROVE UPDATED NTP	TBD	

PART VI - ACTION ITEMS/ACTION REQUIRED

VI.A. ACTION ITEMS/ACTIONS REQUIRED	COMMAND ACTION	DUE DATE	STATUS
No Action Items Pending.			

VI.B. DECISIONS

PART VII - POINTS OF CONTACT

NAME	ORG CODE	FUNCTION	LOCATION	TELEPHONE NUMBER (DSN/COMMERCIAL)
CAPT. C Nash	N880D	Resource Sponsor	OPNAV	225/(703)695-1634
CAPT F. Smith	N889H2	Head, Aviation Technical Training	OPNAV	664/(703)604-7730
MSGT D. Anderson	N889H2A	Aviation Training NTP	OPNAV	664/(703)604-7722
CDR J. Sewel	N880C8	Resource Sponsor	OPNAV	224/(703)614-2750
CAPT R. Freedman	PMA258	Program Manager	NAVAIRSYSCOM	664/(703)604-0911
Mr. P. Achillie	MA258B	SLAM PLUS Product Manager	NAVAIRSYSCOM	664/(703)604-0916
LT. M. Collier	PMA258R	Fleet Liasion	NAVAIRSYSCOM	664/(703)604-0916
Mr. B. Long	PMA2055B	Ground Training Lead	NAVAIRSYSCOM	757/(301)757-8104
Mr. E. Scheye	T-252	Aviation NTP Mgr.	CNET	922/(904)452-4059
AOCS J. Plummer	2206	Technical Coordinator	NAMTRAGRU	966/(901)872-5136
LT J. Plitnik	N-42	Training Aids Acquisition	NAVSCOLEOD	364/(301)743-4763
Mr. J. Burke	3.3.1.1/213A	Data Manager	NATSF	442/(215)697-5354
Mr. G. Vanderslice	NAWCWPNS CL 3661	Training Coordinator	NAVWEPCEN	437/(619)939-3441

PART VII - POINTS OF CONTACT (Continued)

NAME	ORG CODE	FUNCTION	LOCATION	TELEPHONE NUMBER (DSN/COMMERCIAL)
Mr. P. Lang	PMA260C13	Support Equipment	NAVAIRSYSCOM	222/(703)692-3195
Mr. R. Sultzer	6540C	Training Devices, CFA	NSWC-IHD	354/(301)753-9098
LCDR Langlais	T-2521	AVORD Training	CNET	922/(904)452-8911
AOCS J. Svoboda	2206	ALW, Tech Coord	NAMTG	966/(901)873-5136
Mr. A. Sargent	320C	Manpower Analyst	NAVMAC	966/(901)873-5993
DPCM Taylor	N34	PQS Division Head	NETPMSA	922/(904)452-1035
Mr. P. Szczyglowski	3.4.1	Competency Manager	NAVAIRSYSCOM	757/(301)757-9182
AVCM R. Lovern	3.4.1	NSTP Manager	NAVAIRSYSCOM	757/(301)757-9183
ATCS D. Butler	3.4.1	NTP Coordinator	NAVAIRSYSCOM	757/(301)757-9188