



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
 2000 NAVY PENTAGON
 WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO

1500
 Ser N889H7/9U662282
 20 Sep 99

From: Chief of Naval Operations

AGM-88 HARM SYSTEM, NAVY TRAINING SYSTEMS PLAN (NTSP), N88-NTSP-A-50-8101B/A

(a) OPNAVINST 1500.76

1. Subject NTSP is approved and forwarded per reference (a).
2. Subsequent NTSP review will examine both the effectiveness and efficiency of training outlined in this document.
3. OPNAV point of contact is AZC (AW) M. S. Dean (N889H7), DSN 664-7714, Comm: (703) 604-7714.

T. M. VANDENBERG

Commander, U.S. Navy

Head, Aviation Technical Training Section

Distribution: (one copy unless otherwise indicated)

SNDL	
A1J1A	PROGRAM EXECUTIVE OFFICER TACAIR
A3	CNO (N4J, N889H, N955)
A5	CHNAVPERS (Pers-221, 4, 432)
A6	CMC (ASL-30)
24A1	COMNAVAILANT (N422F, N85)
24A2	COMNAVIRPAC (N422F, N85)
24H1	COMTRALANT
24H2	COMTRAPAC
24J1	COMMARFORLANT (ALD-D)
24J2	COMMARFORPAC (ALD-D)
24J4	COMMARFORRES
26F3	COMOPTVFOR
26GG1	EXPLOSIVE ORDNANCE DISPOSAL GROUP AND UNIT LANT (EODTEU TWO Ft Story)
26GG2	EXPLOSIVE ORDNANCE DISPOSAL GROUP AND UNIT PAC (EODTEU ONE Point Loma) COMAFLOATRAGRU

Subj: AGM-88 HARM SYSTEM, NAVY TRAINING SYSTEMS PLAN (NTSP), N88-NTSP-A-50-8101B/A

Cont.

42D1 FASOTRAGRULANT
42D2 FASOTRAGRUPAC
42S1 AIR TEST AND EVALUATION SQUADRON LANT (VX-1)
42S2 AIR TEST AND EVALUATION SQUADRON PAC (VX-9)
42FF1 STRKFIGHTWPNSCOLANT
42FF2 STRKFIGHTWPNSCOLPAC
42GG1 STRIKE FIGHTER SQUADRON LANT (VFA-106)
42GG2 STRIKE FIGHTER SQUADRON PAC (VFA-125)
42RR COMNAVAIRESFOR (N427, N722A)
46T MARINE FIGHTER-ATTACK TRAINER SQUADRON (VMFAT-101)
46U MARINE AVIATION WEAPONS AND TACTICS SQUADRON (MAWTS)
C58J NAMTRAGRUDET (Cherry Point, Cecil Field, Lemoore, Mayport, Norfolk, North Island, Whidbey Island)
C58M NAVSCOLEOD DET Eglin
C80H NAVAIRWARCENWPNDIV DET GUAM (NAWMU 1)
FP5 NAVSAFECEN (Code 43)
FP60 NAVSTKAIRWARCEN FALLON (N7)(2)
FJA10 NAVMAC (Codes 3, 34, 54)
FKA1A COMNAVAIRSYSCOM (PMA205, PMA242, AIR-3.1.1, AIR-3.4.1)
FKM14 NAVICP (PHILADELPHIA (SCW4-401, WLSI-1))
FKPIH NAVORDCEN IMSD
FKP4E NAVSURFWARCENDIV Crane (Code 503A), Dahlgren (Code G61), Indian Head (Codes 5720), Port Huencmc)
FKR6A NAVAIRWARCENACDIV Patuxent River (Code SY55), Lakehurst (Code 52772), TSD Orlando
FKR6B NAVAIRWARCENWPNDIV China Lake (471S00D, 341000D, 342000D))
FKR6C NAVAIRWPNSTA China Lake, Point Mugu
FKR7B NAESU
FKR7C NAVAIRTECHSERVFAC
FT1 CNET (ETE323)
FT2 CNATRA
FT12 NAMTRAGRU (N2412)
FT13 NATTC (Pensacola)
FT45 NAVSCOLEOD (CIS, CIS4)
FT73 NETSAFA (Code N25)
FT78 NETPDTC
V12 CG MCCDC (C461A)

APPROVED

NAVY TRAINING SYSTEM PLAN

FOR THE

AGM-88 HIGH-SPEED ANTI-RADIATION

MISSILE SYSTEM

N88-NTSP-A-50-8101B/A

SEPTEMBER 1999

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

EXECUTIVE SUMMARY

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

The AGM-88 HARM consists of guidance, warhead, control, and rocket motor sections, wings, and fins. The three versions of the AGM-88 HARM being used are the AGM-88A, AGM-88B, and the AGM-88C. All three versions are compatible with Navy and Marine Corps F/A-18 and EA-6B Aircraft and with Air Force F-16 Aircraft. Configurations of the AGM-88 HARM consist of changes in hardware and software referred to as either Block I, II, III, or IV. Configurations include: AGM-88A Blocks I and II, AGM-88B Blocks II and III, and AGM-88C Block IV. AGM-88B Block IIIA and AGM-88C Block V are to be incorporated starting Fiscal Year (FY)00. Initial Operating Capability was attained in 1983 for the AGM-88A, 1986 for the AGM-88B, and 1994 for the AGM-88C. An AGM-88D Block VI is planned for FY03. Information pertaining to the AGM-88D will be included in future iterations of this NTSP as information becomes available. Refer to the Program Manager, Air 242.

The AGM-88 HARM maintenance concept is based on an overall objective to assure All-Up-Rounds are available to fulfill commitments of operational activities and provide the means to restore unserviceable missiles to serviceable condition with minimal downtime. Maintenance requirements are allocated to the organizational, intermediate, and depot levels of maintenance as defined in the Naval Airborne Weapons Maintenance Program, OPNAVINST 8600.2B. Workload associated with the AGM-88 HARM Missile does not increase existing manning levels.

The HARM training concept is divided into organizational and intermediate level maintenance based on OPNAVINST 8600.2B. Operator training is provided to aviators, Weapons System Officers, and Electronic Countermeasures Officers at the appropriate Fleet Readiness Squadron. Platform weapons school organizational level training is provided to maintenance personnel at the appropriate Maintenance Training Unit (MTU) and Fleet Replacement Enlisted Skills Training activity. Intermediate level maintenance personnel are trained at the appropriate MTU.

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

TABLE OF CONTENTS

	Page
Executive Summary.....	i
List of Acronyms.....	iii
Preface.....	vi
 PART I - TECHNICAL PROGRAM DATA	
A. Title-Nomenclature-Program	I-1
B. Security Classification	I-1
C. Manpower, Personnel, and Training Principals.....	I-1
D. System Description.....	I-2
E. Developmental Test and Operational Test.....	I-2
F. Aircraft and/or Equipment/System/Subsystem Replaced	I-2
G. Description of New Development	I-2
H. Concepts	I-4
I. On-Board (In-Service) Training.....	I-12
J. Logistics Support	I-15
K. Schedules	I-16
L. Government Furnished Equipment and Contractor Furnished Equipment Training Requirements.....	I-16
M. Related NTSPs and Other Applicable Documents	I-17
 PART II - BILLET AND PERSONNEL REQUIREMENTS	 II-1
 PART III - TRAINING REQUIREMENTS.....	 III-1
 PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS.....	 IV-1
 PART V - MPT MILESTONES.....	 V-1
 PART VI - DECISION ITEMS/ACTION REQUIRED	 VI-1
 PART VII - POINTS OF CONTACT	 VII-1

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

LIST OF ACRONYMS

AIMD	Aircraft Intermediate Maintenance Department
AFB	Air Force Base
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
AOB	Average Onboard
ATIR	Annual Training Input Requirement
AUR	All-Up-Round
CANTRAC	Catalog of Navy Training Courses
CATM	Captive Air Training Missile
CBT	Computer-Based Training
CEST	Classroom Explosive Ordnance Disposal System Trainer
CIN	Course Identification Number
CINCLANTFLT	Commander in Chief, Atlantic Fleet
CINCPACFLT	Commander in Chief, Pacific Fleet
CMC	Commandant of the Marine Corps
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
COMNAVAIRESFOR	Commander, Naval Air Reserve Force
CV	Aircraft Carrier
CVN	Multi-Purpose Aircraft Carrier, Nuclear
CWTPI	Conventional Weapon Technical Proficiency Inspection
DATM	Dummy Air Training Missile
DOP	Designated Overhaul Point
DT	Developmental Test
ECMO	Electronic Countermeasures Officer
EEPROM	Electronically Erasable Program, Read Only Memory
ELCOMWEPSCOL	Electronic Attack Weapons School
EOD	Explosive Ordnance Disposal
EODTEU	EOD Training and Evaluation Unit
FMS	Foreign Military Sales
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Readiness Squadron
FY	Fiscal Year

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

LIST OF ACRONYMS

HARM	High-Speed Anti-Radiation Missile
ICAP	Improved Capability
ILSP	Integrated Logistics Support Plan
IOC	Initial Operating Capability
LHA	Landing Ship, Helicopter Assault
LHD	Multi-Purpose Amphibious Assault Ship
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Aviation Training Management and Evaluation Program
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MCO	Marine Corps Order
MLAG	Missile Loader Adapter Group
MLV	Memory Loader Verifier
MOS	Military Occupational Specialty
MSD	Material Support Date
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAS	Naval Air Station
NATEC	Naval Air Technical Data and Engineering Service Command
NAVPERSCOM	Navy Personnel Command
NAVSCOLEOD	Naval School, Explosive Ordnance Disposal
NAVSURFWARREN	Naval Surface Warfare Center
NAVAIRWARCENWPNDIV	Naval Air Warfare Center Weapons Division
NAWMU	Naval Airborne Weapons Maintenance Unit
NEC	Navy Enlisted Classification
NS	Naval Station
NTSP	Navy Training System Plan
NWAS	Naval Weapons Air Station
NWS	Naval Weapons Station

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

LIST OF ACRONYMS

OLSP	Operational Logistics Support Plan
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Officer
OT	Operational Test
PDA	Principal Development Agency
PEST	Practical Explosives Ordnance Disposal System Trainer
PMA	Program Manager, Air
PQS	Personnel Qualification Standards
PTT	Part Task Trainer
RF	Radio Frequency
RFT	Ready for Training
RSP	Render Safe Procedure
SELRES	Selected Reserve
SFTP	Strike Fighter Training Program
SIST	Serviceable In Service Time
STRKFIGHTWPNSCOL	Strike Fighter Weapons School
TA	Training Agency
TD	Training Device
TSA	Training Support Agency
TTE	Technical Training Equipment
USMC	United States Marine Corps
USS	United States Ship
VMAT	Marine Attack Training Squadron
WSO	Weapons System Officer

AGM-88 HIGH-SPEED ANTI-RADIATION MISSILE SYSTEM

PREFACE

This Approved Navy Training System Plan (NTSP) for the AGM-88 High-Speed Anti-Radiation Missile (HARM) System was prepared as part of the regular NTSP update process within the guidelines set forth in OPNAVINST 1500.76. This NTSP reflects the changes that have occurred since the Draft AGM-88 HARM Missile System NTSP, A-50-8101B/D, dated July 1998. The major changes and updates in this NTSP consist of:

- PART I** Shows deletion of outdated information; incorporation of changes to formal training; updated Training Device allocation listings; deletion and relocation of training sites due to decisions made by the Base Realignment Commission; and the impacts of Marine Corps Military Occupational Specialty (MOS) consolidations. References to the AGM-88D Block VI planned for FY03 have been removed. When this information becomes available it will be included in future iterations of this NTSP. Refer to the Program Manager, Air (PMA) 242.
- PART II** Recalculated to depict current billet requirements of fleet support units through Fiscal Year (FY) 04.
- PART III** In addition to reflecting the changes mentioned above, this part has been recalculated to depict chargeable student billets through FY04.
- PART IV** Reflects the changes in training and training logistics support requirements.
- PART V** Updated to include the major milestones.
- PART VI** Identifies significant equipment shortfalls at Marine Attack Training Squadron (VMAT) 203 Marine Corps Air Station (MCAS) Cherry Point, North Carolina, for intermediate training course C-646-3105.
- PART VII** Updated to reflect current Points of Contact.

PART I - TECHNICAL PROGRAM DATA

A. TITLE-NOMENCLATURE-PROGRAM

1. Title-Nomenclature-Acronym. AGM-88 High-Speed Anti-Radiation Missile (HARM) System

2. Program Element. 0205601N

B. SECURITY CLASSIFICATION

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

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

- OPNAV Principal Official (OPO) Program Sponsor..... CNO (N880D6)
- OPO Resource Sponsor CNO (N880D6)
- Marine Corps Program Sponsor..... CMC (ASL-30)
- Developing Agency NAVAIRSYSCOM (PMA242)
- Training Agency CINCLANTFLT (N-721)
CINCPACFLT (N-73)
CNET (T251)
COMNAVAIRESFOR
MCCDC (C462)
- Training Support Agency NAVAIRSYSCOM (PMA205)
COMNAVAIRESFOR
- Manpower and Personnel Mission Sponsor CNO (N12)
NAVPERSCOM (PERS-4B, PERS-404)
CMC (ASM, ASL)
- Director of Naval Training CNO (N7)
- Manpower Structure Management MCCDC (C5325C)

D. SYSTEM DESCRIPTION

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

2. Foreign Military Sales. The HARM has been sold to the Federal Republic of Germany, Italy, Spain, Hellenic Air Force (Greece), Turkey, and South Korea. For more information on Foreign Military Sales (FMS) refer to PMA242.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. Navy AGM-88A Developmental Test (DT) was completed in October 1980, and Operational Test (OT) was completed in November 1982. AGM-88B Block II DT was completed in August 1986 and Follow-on Test and Evaluation was completed in August 1987. AGM-88B Block III DT and OT were completed in December 1989. AGM-88C Block IV DT was completed in October 1991, and OT was completed in December 1992. The AGM-88B Block IIIA and AGM-88C Block V DTs were completed in November 1998 and OT is planned for completion in May 1999.

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

G. DESCRIPTION OF NEW DEVELOPMENT

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

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

(1) Hardware Configurations. The AGM-88A was the first version of the missile to be produced. It incorporated a fuzible-link memory that required the guidance section to be returned to the manufacturer to change the tactical software. The AGM-88B was developed in 1980 and incorporated an Electronically Erasable Program, Read Only Memory (EEPROM) that allowed changing the missile software in the field. The AGM-88C is the latest fielded version and incorporates several new design features and is also reprogrammable in the field.

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

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

c. Control Section. The control section of the HARM is located aft of the warhead section. The control section contains wing actuators to steer the missile on a desired trajectory, missile captive and free flight electrical power supply equipment, attitude reference equipment, and the target detection device. An umbilical connector mounted on top of the control section provides electrical interface between the launch aircraft and the missile. The control sections used for the AGM-88A, AGM-88B, and AGM-88C variants are essentially the same and can be used by any variant.

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

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

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

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

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

3. New Development. The HARM was introduced as new production. The HARM is in Phase III (Production, Deployment, and Operational Support) of the Weapon System Acquisition Process. The AGM-88A was introduced to the fleet and achieved Initial Operating Capability (IOC) in FY83. The AGM-88B was introduced to the fleet and achieved IOC in FY86. The AGM-88C was introduced into the fleet and achieved IOC FY94.

4. Significant Interfaces

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

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

5. New Features, Configurations, or Material. The AGM-88B Block IIIA and AGM-88C Block V software upgrades are currently in development and planned for incorporation beginning in FY00.

H. CONCEPTS

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

2. Maintenance Concept. Maintenance of the HARM employed on the F/A-18 and EA-6B aircraft is accomplished using the basic maintenance philosophy outlined in OPNAVINST 4790.2G, and specific weapons maintenance instructions outlined in OPNAVINST 8600.2B.

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

- Aircraft and weapon system inspections
- Aircraft and weapon system release and control system checks

- Weapon uploading and downloading
- Installing and removing wings and fins
- Weapon arming and dearming
- On-aircraft weapon test
- Discrepancy reporting
- Complying with Technical Directives
- Record keeping and reporting

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

- Visual inspection for damage and corrosion
- Performing corrosion control
- De-canning and canning of the AUR
- Ready service inspection
- Record keeping and reporting
- Preparing the AUR for shipping or storage
- Installing and removing the LAU-118(V)2A Launcher
- Technical Directive implementation
- Delivering the missile to the organizational activity

c. Depot. OPNAVINST 8600.2B divides depot level into two sub-levels of maintenance: Organic and Designated Overhaul Point (DOP).

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

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

- Record keeping and reporting
- Minor container repair

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

d. Interim Maintenance. NA

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

3. Manning Concept. The HARM has no impact on existing manpower requirements at organizational, intermediate, or depot level activities. Pilot, Weapons System Officer (WSO), and Electronic Countermeasures Officer (ECMO) manpower is driven by seat factor and crew ratio. Enlisted manning for Navy and Marine Corps fleet squadrons, Fleet Readiness Squadrons (FRS), and intermediate maintenance activities is based on the total assigned workload, not only on specific HARM requirements. Skills required to support the HARM are considered to be within the capability of existing NECs and MOSs. Refer to Part II for existing Navy and Marine Corps intermediate maintenance manpower requirements.

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

The established training concept for most aviation maintenance training divides “A” School courses into two or more segments called Core and Strand. The “C” School courses are also divided into separate Initial and Career training courses. “A” School Core courses include general knowledge and skills training for the particular rating, while “A” School Strand courses focus on the more specialized training requirements for that rating and a specific aircraft or

equipment, based on the student's fleet activity destination. Strand training immediately follows Core training and is part of the "A" School. Upon completion of Core and Strand "A" School, graduates attend the appropriate Initial "C" School for additional specific training. Initial "C" School training is intended for students with a paygrade of E-4 and below. Career "C" School training is provided for E-5 and above personnel to enhance skills and knowledge within their field.

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

a. Initial Training. All initial training has been completed. No further initial training is planned.

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

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

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

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

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

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

The following table lists the applicable operator training courses. The HARM source material has been incorporated in these courses with minimal impact. The HARM causes no change in student throughput or chargeable student billets and therefore, these courses will not appear in Parts II and III.

COURSE NUMBER	COURSE TITLE	RFT DATE INCLUDING HARM
E-2A-1815	EA-6B Improved Capability (ICAP) II Fleet Replacement Pilot Category 1	On-line
E-2A-1816	EA-6B ICAP II Fleet Replacement Pilot Category 2	On-line
E-2A-1817	EA-6B ICAP II Fleet Replacement Pilot Category 3	On-line
E-2A-1818	EA-6B ICAP II Fleet Replacement Pilot Category 4	On-line
E-2A-1819	Medium Attack Strike Training	On-line
E-2D-1817	EA-6B ICAP II Fleet Replacement ECMO Category 1	On-line
E-2D-1818	EA-6B ICAP II Fleet Replacement ECMO Category 2	On-line
E-2D-1819	EA-6B ICAP II Fleet Replacement ECMO Category 3	On-line
E-2D-1820	EA-6B ICAP II Fleet Replacement ECMO Category 4	On-line
D/E-2A-0601	F/A-18 Fleet Replacement Pilot Category 1	On-line
D/E-2A-0602	F/A-18 Fleet Replacement Pilot Category 2A	On-line
D/E-2A-0604	F/A-18 Fleet Replacement Pilot Category 3A	On-line
D/E-2A-0606	F/A-18 Fleet Replacement Pilot Category 4	On-line
None (USMC)	F/A-18 Fleet Replacement Pilot Category 1	On-line
None (USMC)	F/A-18 Fleet Replacement Pilot Category 2	On-line
None (USMC)	F/A-18 Fleet Replacement Pilot Category 3	On-line

COURSE NUMBER	COURSE TITLE	RFT DATE INCLUDING HARM
None (USMC)	F/A-18 Fleet Replacement Pilot Category 4	On-line
None (USMC)	F/A-18 (WSO) Category 1	On-line
None (USMC)	F/A-18 (WSO) Category 2	On-line
None (USMC)	F/A-18 (WSO) Category 3	On-line
None (USMC)	F/A-18 (WSO) Category 4	On-line

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

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

The HARM is taught in “A” school and in the following organizational level maintenance training courses. HARM source material has been incorporated in these courses with minimal impact. The HARM causes no change in student throughput or chargeable student billets and, therefore, these courses will not appear in Parts II and III.

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

(3) Intermediate Maintenance. Intermediate maintenance training is available for Navy and Marine Corps Aviation Ordnance personnel through the appropriate MTU or FREST. The TD required for intermediate maintenance training is the DATM. Refer to element IV.A.2 for detailed information. The following courses have been updated to include HARM data:

Title **Air Launched Guided Missiles Intermediate Maintenance**
CIN C-122-3111 (part of D/E-646-7007)
Model Manager... MTU 4030 NAMTRAGRU DET Norfolk, Virginia
Description This course provides ordnance personnel with knowledge of the Sparrow, Sidewinder, Phoenix, Sidarm, Maverick, Harpoon, Standoff Land Attack Missile, High-Speed Anti-Radiation Missile, Walleye, Tactical Air-Launched Decoy, and Air Nitrogen Purifier Units.
Location MTU 4030 NAMTRAGRU DET, Mayport
MTU 4032 NAMTRAGRU DET, Norfolk
MTU 4033 NAMTRAGRU DET, North Island
MTU 4035 NAMTRAGRU DET, Whidbey Island, Washington
Length 12 days

RFT date	Currently available
Skill identifier	AO 6801 awarded upon completion of track D/E-646-7007
TTE/TD	M-34 DATM
Prerequisite	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Weapons Department Strand Class A1
Title	Aviation Ordnance Intermediate Maintenance Technician
CIN	C-646-3105 (part of M-646-7026)
Model Manager ..	NAMTRAGRU DET 4034, Marine Attack Training Squadron (VMAT)-203 FREST, MCAS Cherry Point
Description	This course provides ordnance personnel with knowledge required by USMC personnel working on ordnance/armament in the Aircraft Intermediate Maintenance Department environment.
Location	VMAT-203 FREST, MCAS Cherry Point
Length	73 days
RFT date	Currently available
Skill identifier	MOS 6541 awarded upon completion of track M-646-7026
TTE/TD	M-34 DATM
Prerequisite	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 the 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 Rendering Safe Procedure.
- **Classroom Explosive System Trainer.** The CEST is an inert cutaway model displaying locations and types of explosive and hazardous materials, initiators, igniters, and fuze.

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

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

c. Student Profiles

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

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

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

I. ONBOARD (IN-SERVICE) TRAINING

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

- **Academic.** Selected squadron aircrewmembers receive in-depth classroom weapon training from an appropriate source (contractor, weapons school, etc.) to become the squadron subject matter expert on the HARM. HARM University conducted at the HARM Program Office at NAVAIRWARCENWPNDIV China Lake is designed as the prime subject matter course for aircrew. Engineers, Integration Experts, and STRKFIGHTPNSCOL instructors provide classroom training. Aircrew personnel then receive academic training within their squadron from the HARM subject matter expert. As an option to this step, all squadron aircrew personnel would attend an academic class held at the appropriate weapons school.
- **Simulator.** The appropriate weapons tactical trainer is set up by the squadron Weapons School for aircrew personnel to gain required proficiency prior to captive carry of the HARM.
- **Captive Carry.** The CATM is loaded on an aircraft at which time aircrew personnel gain proficiency and final qualification on the HARM.

a. Maintenance Training Improvement Program. The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a bank of test questions managed through automated data processing. The Deputy Chief of Staff for Training assisted in development of MTIP by providing those question banks (software) already developed by the Navy. MTIP was implemented per OPNAVINST 4790.2 series. MTIP allows increased effectiveness in the application of training resources through identification of skills and knowledge deficiencies at the activity, work center, or individual technician level. Refresher training is concentrated where needed to improve identified skill and knowledge shortfalls. MTIP will be replaced by the Aviation Maintenance Training Continuum System (AMTCS). Current planning is for AMTCS to begin initial implementation in third quarter FY00.

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

b. Aviation Maintenance Training Continuum System. AMTCS will provide career path training to the sailor or marine from their initial service entry to the end of their military career. AMTCS is planned to be an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the Chief of Naval Operations (CNO) mandated "just-in-time" training approach.

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

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

Upon receipt of direction from OPNAV (N889H), AMTCS is to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

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

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

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

average score derived from the written exams, ordnance loads, wire-checks, and the aviator's proficiency to deliver weapons on target. Pre-inspection training is provided by the appropriate STRKFIGHTWPNSCOL for the F/A-18 and ELCOMWEPSCOL for the EA-6B, followed by the CWTPI. The CWTPI determines the need for further conventional weapons load training of squadron AO and Aviation Electronics Technician personnel.

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

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00019-97-D-0124	Raytheon Corporation	Tucson, Arizona

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

3. Technical Data Plan. Raytheon Corporation, the HARM production contractor, will provide peculiar technical manual source data to the Naval Air Technical Data and Engineering Service Command (NATEC), which will promulgate changes to existing HARM manuals.

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

NOMENCLATURE	MODEL	USE
Missile Test Set	AN/DSM-160B	Tests AURs and fault isolates to individual missile sections.
Simulator Group Calibration Set	AN/DSM-158A	Performs all RF calibration required to support the missile test set.
Calibration Test Set	AN/DSM-161B	Calibrates the missile test set.

NOMENCLATURE	MODEL	USE
Guided Missile Test Set	AN/GSM-396	Tests AURs, fault isolates to individual missile sections, and reprograms.
Memory Loader Verifier (MLV)	AN/DSM-607(V)7	Reprograms the missile software.
Missile Loader Adapter Group (MLAG)	OF195/ASM-607(V)	Interfaces between the MLV and the missile.

5. Repair Parts. The MSD for the HARM was October 1983. Repair parts are available through the Navy supply system. Normal replenishment procedures based upon demand and usage are used to maintain stock levels of spares, repair parts, and consumables.

6. Human Systems Integration. NA

K. SCHEDULES

1. Schedule of Events

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

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

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

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

e. Training Device and Delivery Schedule. Training Missiles are available for captive training and load drill training. DATMs were produced and delivered from 1983 through 1986. For the most up-to-date list of the location of the missiles, a current listing from Conventional Ammunition Integrated Management System should be obtained.

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

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

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

PART II – BILLETS AND PERSONNEL REQUIREMENTS

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

II.A. Billet Requirements

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

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

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

Note: Part II of this AGM-88 HARM System NTSP is presented by NEC and MOS for ease of understanding. It was developed to establish the total intermediate level maintenance manpower and training requirements for the aviation ordnance community. The requirement is to train ordnance personnel in the USN and USMC to receive an NEC or MOS to fill a billet, not to support a single system. The following sections are a compilation of one intermediate level NEC and one intermediate level MOS with associated billets. The addition of the AGM-88 HARM System to the intermediate level workload is only a small percentage of the required workload for that MOS or NEC. The NEC or MOS is not unique to the AGM-88 HARM System and, therefore, the total training requirements will remain the same.

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 **DATE:** 4/19/99
 USMC: Extract from Table of Manpower Requirements, TFS, MCCDC **DATE:** 4/1/99

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

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

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

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

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

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

SOURCE: USN: Total Force Manpower Management System

DATE: 4/19/99

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

DATE: 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
COMSTKFITWINGLANT Det, MCAS Beaufort	3006A	1	0	0	0	0	0
CV 67 USS John F. Kennedy	03367	1	0	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0	0
CVN 69 USS Dwight D. Eisenhower	03369	1	0	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	1	0	0	0	0	0
CVN 73 USS George Washington	21412	1	0	0	0	0	0
CVN 75 USS Harry S. Truman	21853	1	0	0	0	0	0
FASOTRAGRULANT	09810	1	0	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0	0
MCS 12 USS Inchon	20009	1	0	0	0	0	0
NAF Mildenhall	57032	1	0	0	0	0	0
NAS Brunswick	60087	1	0	0	0	0	0
NAS Cecil Field	60200	1	0	0	0	0	0
NAS Keflavik	63032	1	0	0	0	0	0
NAS Oceana	60191	1	0	0	0	0	0
NATMSACT Kingsville	49149	1	0	0	0	0	0
NAVAIRWP-MAINTUN	52821	1	0	0	0	0	0
NAVSTKAIR TESTRON	39783	1	0	0	0	0	0
Ordnance Det Oceana	31279	1	0	0	0	0	0
SURFLANT AVORD/MTT Norfolk	48764	1	0	0	0	0	0
COMFLTACT Okinawa	62254	1	0	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV 64 USS Constellation	03364	1	0	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0	0
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0	0
LHD 6 USS Bonhomme Richard	22202	1	0	0	0	0	0
LHD 7 USS Iwo Jima	23027	0	0	0	0	1	0
NAF El Centro	60042	1	0	0	0	0	0
NAS Lemoore	63042	1	0	0	0	0	0
NAS Point Mugu	0429A	1	0	0	0	0	0
NAWCWD Point Mugu	63126	1	0	0	0	0	0
TOTAL:		43	0	0	0	1	0
FLEET SUPPORT ACTIVITIES - USMC							
2nd MAW, MCAS Cherry Point	57080	1	0	0	0	0	0

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

SOURCE: USN: Total Force Manpower Management System

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

DATE: 4/19/99

DATE: 4/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
4th MAW, NAS New Orleans	67021	1	0	0	0	0	0
Blount Island, NAS Jacksonville	32264	1	0	0	0	0	0
H&HS, MCAS Beaufort	04017	1	0	0	0	0	0
H&HS, MCAS Cherry Point	09037	1	0	0	0	0	0
H&HS, MCAS New River	02021	1	0	0	0	0	0
MALS-14, MCAS Cherry Point	09114	1	0	0	0	0	0
MALS-26, MCAS New River	09167	1	0	0	0	0	0
MALS-29, MCAS New River	52841	1	0	0	0	0	0
MALS-31, MCAS Beaufort	09131	1	0	0	0	0	0
MALS-42, JRB Marietta Georgia	09513	1	0	0	0	0	0
MALS-49, JRB Stewart New York	55555	1	0	0	0	0	0
MASD, Andrews AFB	65027	1	0	0	0	0	0
1st MAW, MCAS Okinawa	57079	1	0	0	0	0	0
3rd MAW, MCAS Miramar	00300	1	0	0	0	0	0
H&HS, MCAS Camp Pendleton	27604	1	0	0	0	0	0
H&HS, MCAS Futenma	63026	1	0	0	0	0	0
H&HS, MCAS Iwakuni	52991	1	0	0	0	0	0
H&HS, MCAS Miramar	31200	1	0	0	0	0	0
H&HS, MCAS Yuma	62974	1	0	0	0	0	0
MAD China Lake	67852	1	0	0	0	0	0
MALS-11, MCAS Miramar	09111	1	0	0	0	0	0
MALS-12, MCAS Iwakuni	09112	1	0	0	0	0	0
MALS-13, MCAS Yuma	57082	1	0	0	0	0	0
MALS-16, MCAS Miramar	55583	1	0	0	0	0	0
MALS-36, MCAS Okinawa	09136	1	0	0	0	0	0
MALS-39, MCAS Camp Pendleton	09808	1	0	0	0	0	0
MALS-41, JRB Fort Worth	08944	1	0	0	0	0	0
MALS-46, MCAS Miramar	09376	1	0	0	0	0	0
MALSE, MCAS Kaneohe	31947	1	0	0	0	0	0
MCAF, MCAS Kaneohe	31498	1	0	0	0	0	0
TOTAL:		31	0	0	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - USMC					
HMH-461, MCAS New River, 09582					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-464, MCAS New River, 53935					
USMC	0	6		6541	

ACTIVITY TOTAL:	0	6	
HMH-772, JRB Willow Grove, 09490			
USMC	0	2	6541
ACTIVITY TOTAL:	0	2	
HMLA-167, MCAS New River, 09898			
USMC	0	18	6541
ACTIVITY TOTAL:	0	18	
HMLA-269, MCAS New River, 08998			
USMC	0	18	6541
ACTIVITY TOTAL:	0	18	
HMLA-773, NAS Atlanta, 09431			
USMC	0	4	6541
AR	0	8	6541
ACTIVITY TOTAL:	0	12	
HMLA-775 DET A, NAS New Orleans, 09415			
USMC	0	2	6541
AR	0	4	6541
ACTIVITY TOTAL:	0	6	
HMLA-775, MCAS Camp Pendleton, 55252			
USMC	0	4	6541
AR	0	8	6541
ACTIVITY TOTAL:	0	12	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
HMM-162, MCAS New River, 09492 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-261, MCAS New River, 09441 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-263, MCAS New River, 09445 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-264, MCAS New River, 09374 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-266, MCAS New River, 53972 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-365, MCAS New River, 53923 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-774, NS Norfolk, 09430 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMT-303, MCAS Camp Pendleton, 55176 USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
MALS Augment, MCAS Beaufort, 67863 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
MAWTS-1, MCAS Yuma, 55167 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
VFA-106, NAS Oceana, 09679 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMA-223, MCAS Cherry Point, 09438 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-231, MCAS Cherry Point, 52948 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-542, MCAS Cherry Point, 52847 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMAQ-1, MCAS Cherry Point, 41345 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-2, MCAS Cherry Point, 42362 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-3, MCAS Cherry Point, 42363 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VMAQ-4, MCAS Cherry Point, 67837 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VMAT-203, MCAS Cherry Point, 45483 USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
VMFA(AW)-224, MCAS Beaufort, 09439					
USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-332, MCAS Beaufort, 09501					
USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-553, MCAS Beaufort, 09193					
USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA-115, MCAS Beaufort, 09234					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-122, MCAS Beaufort, 09407					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-142, NAS Jacksonville, 08966					
USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
VMFA-251, MCAS Beaufort, 09241					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			
VMFA-312, MCAS Beaufort, 09253					
USMC	0	10		6541	
ACTIVITY TOTAL:	0	10			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VMFA-321, Andrews AFB, 09265					
USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
HMH-361, MCAS Miramar, 09446					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-362, MCB Hawaii, 09495					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-363, MCB Hawaii, 09496					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-366, MCB Hawaii, 55650					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-462, MCAS Miramar, 09349					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-463, MCB Hawaii, 09010					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMH-465, MCAS Miramar, 53936					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			
HMH-466, MCAS Miramar, 53998					
USMC	0	6		6541	
ACTIVITY TOTAL:	0	6			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
HMH-769, Edwards AFB, 09487					
AR	0	1		6541	
ACTIVITY TOTAL:	0	1			
HMLA-169, MCAS Camp Pendleton, 09202					
USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-267, MCAS Camp Pendleton, 09159					
USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-367, MCAS Camp Pendleton, 09079					
USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMLA-369, MCAS Camp Pendleton, 09361					
USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
HMM-161, MCAS Miramar, 09440					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-163, MCAS Miramar, 09405					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-164, MCAS Miramar, 09408					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-165, MCAS Miramar, 09343					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
HMM-166, MCAS Miramar, 53973					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-262, MCAS Okinawa, 09442					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-265, MCAS Okinawa, 09404					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-268, MCAS Camp Pendleton, 52790					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-364, MCAS Camp Pendleton, 09793					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
HMM-764, Edwards AFB, 09402					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
MALS Augment, MCAS Miramar, 09116					
USMC	0	4		6541	
	0	5		6541	
ACTIVITY TOTAL:	0	9			
VAQ-129, NAS Whidbey, 09995					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
VFA-125, NAS Lemoore, 09485					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VMA-211, MCAS Yuma, 09412 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-214, MCAS Yuma, 09436 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-311, MCAS Yuma, 09416 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMA-513, MCAS Yuma, 09231 USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
VMFA(AW)-121, MCAS Miramar, 09257 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-225, MCAS Miramar, 09232 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-242, MCAS Miramar, 09668 USMC	0	11		6541	
ACTIVITY TOTAL:	0	11			
VMFA-112, JRB Fort Worth, 08954 USMC	0	3		6541	
AR	0	7		6541	
ACTIVITY TOTAL:	0	10			
VMFA-134, MCAS Miramar, 09365 USMC	0	7		6541	
AR	0	3		6541	
ACTIVITY TOTAL:	0	10			

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

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

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
CVN 65 USS Enterprise, 03365					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 69 USS Dwight D. Eisenhower, 03369					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 71 USS Theodore Roosevelt, 21247					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 73 USS George Washington, 21412					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 75 USS Harry S. Truman, 21853					
ACDU	0	10		6801	
ACTIVITY TOTAL:	0	10			
FASOTRAGRULANT, 09810					
ACDU	0	2		6801	9502
ACTIVITY TOTAL:	0	2			
LHA 2 USS Saipan, 20632					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 4 USS Nassau, 20725					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 1 USS Wasp, 21560					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
LHD 3 USS Kearsarge, 21700					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 5 USS Bataan, 21879					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
MCS 12 USS Inchon, 20009					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
NAF Mildenhall, 57032					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
NAS Brunswick, 60087					
ACDU	0	8		6801	
	0	1		6810	6801
ACTIVITY TOTAL:	0	9			
NAS Cecil Field, 60200					
ACDU	0	23		6801	
ACTIVITY TOTAL:	0	23			
NAS Keflavik, 63032					
ACDU	0	3		6801	
	0	1		6810	6801
	0	1		0812	6801
ACTIVITY TOTAL:	0	5			
NAS Oceana, 60191					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			
NATMSACT Kingsville, 49149					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAVAIRWP-MAINTUN, 52821					
ACDU	0	23		6801	
ACTIVITY TOTAL:	0	23			
NAVSTKAIR TESTRON, 39783					
ACDU	0	12		6801	
	0	2		6801	8845
	0	1		6801	9590
ACTIVITY TOTAL:	0	15			
Ordnance Det Oceana, 31279					
ACDU	0	33		6801	
ACTIVITY TOTAL:	0	33			
SURFLANT AVORD/MTT Norfolk, 48764					
ACDU	0	5		6801	
ACTIVITY TOTAL:	0	5			
COMFLTACT Okinawa, 62254					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
CV 63 USS Kitty Hawk, 03363					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CV 64 USS Constellation, 03364					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 68 USS Nimitz, 03368					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 70 USS Carl Vinson, 20993					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
CVN 72 USS Abraham Lincoln, 21297					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
CVN 74 USS John C. Stennis, 21847					
ACDU	0	11		6801	
ACTIVITY TOTAL:	0	11			
LHA 1 USS Tarawa, 20550					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 3 USS Belleau Wood, 20633					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHA 5 USS Peleliu, 20748					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 2 USS Essex, 21533					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 4 USS Boxer, 21808					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 6 USS Bonhomme Richard, 22202					
ACDU	0	2		6801	
ACTIVITY TOTAL:	0	2			
LHD 7 USS Iwo Jima, 23027, FY03 Increment					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAF El Centro, 60042					
ACDU	0	7		6801	
ACTIVITY TOTAL:	0	7			
NAS Lemoore, 63042					
ACDU	0	3		6801	
ACTIVITY TOTAL:	0	3			
NAS Point Mugu, 0429A					
ACDU	0	18		6801	
	0	1		8345	6801
ACTIVITY TOTAL:	0	19			
NAWCWD Point Mugu, 63126					
ACDU	0	1		6801	
ACTIVITY TOTAL:	0	1			
FLEET SUPPORT ACTIVITIES - USMC					
2nd MAW, MCAS Cherry Point, 57080					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
4th MAW, NAS New Orleans, 67021					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
Blount Island, NAS Jacksonville, 32264					
USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
H&HS, MCAS Beaufort, 04017					
USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
H&HS, MCAS Cherry Point, 09037					
USMC	0	17		6541	
ACTIVITY TOTAL:	0	17			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
H&HS, MCAS New River, 02021					
USMC	0	5		6541	
ACTIVITY TOTAL:	0	5			
MALS-14, MCAS Cherry Point, 09114					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-26, MCAS New River, 09167					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-29, MCAS New River, 52841					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-31, MCAS Beaufort, 09131					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-42, JRB Marietta Georgia, 09513					
USMC	0	2		6541	
AR	0	10		6541	
ACTIVITY TOTAL:	0	12			
MALS-49, JRB Stewart New York, 55555					
USMC	0	4		6541	
AR	0	8		6541	
ACTIVITY TOTAL:	0	12			
MASD, Andrews AFB, 65027					
USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
1st MAW, MCAS Okinawa, 57079 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
3rd MAW, MCAS Miramar, 00300 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
H&HS, MCAS Camp Pendleton, 27604 USMC	0	9		6541	
ACTIVITY TOTAL:	0	9			
H&HS, MCAS Futenma, 63026 USMC	0	1		6541	
ACTIVITY TOTAL:	0	1			
H&HS, MCAS Iwakuni, 52991 USMC	0	7		6541	
ACTIVITY TOTAL:	0	7			
H&HS, MCAS Miramar, 31200 USMC	0	8		6541	
ACTIVITY TOTAL:	0	8			
H&HS, MCAS Yuma, 62974 USMC	0	18		6541	
ACTIVITY TOTAL:	0	18			
MAD China Lake, 67852 USMC	0	2		6541	
ACTIVITY TOTAL:	0	2			
MALS-11, MCAS Miramar, 09111 USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
MALS-12, MCAS Iwakuni, 09112					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-13, MCAS Yuma, 57082					
USMC	0	44		6541	
ACTIVITY TOTAL:	0	44			
MALS-16, MCAS Miramar, 55583					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-36, MCAS Okinawa, 09136					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-39, MCAS Camp Pendleton, 09808					
USMC	0	12		6541	
ACTIVITY TOTAL:	0	12			
MALS-41, JRB Fort Worth, 08944					
USMC	0	5		6541	
AR	0	39		6541	
ACTIVITY TOTAL:	0	44			
MALS-46, MCAS Miramar, 09376					
USMC	0	2		6541	
AR	0	42		6541	
ACTIVITY TOTAL:	0	44			
MALSE, MCAS Kaneohe, 31947					
USMC	0	4		6541	
ACTIVITY TOTAL:	0	4			
MCAF, MCAS Kaneohe, 31498					
USMC	0	7		6541	
ACTIVITY TOTAL:	0	7			

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

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

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SUMMARY TOTALS:													
NAVY OPERATIONAL ACTIVITIES - USMC													
		3		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - USMC													
		480		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - AR													
		55		0		0		0		0		0	
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
		326		0		0		0		3		0	
NAVY FLEET SUPPORT ACTIVITIES - TAR													
		1		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
		383		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - AR													
		99		0		0		0		0		0	
GRAND TOTALS:													
NAVY - ACDU													
		326		0		0		0		3		0	
NAVY - TAR													
		1		0		0		0		0		0	
NAVY - USMC													
		3		0		0		0		0		0	
USMC - USMC													
		863		0		0		0		0		0	
USMC - AR													
		154		0		0		0		0		0	

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

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

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

INSTRUCTOR BILLETS

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

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

INSTRUCTOR BILLETS

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

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

INSTRUCTOR BILLETS

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

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

INSTRUCTOR BILLETS

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

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

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

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

INSTRUCTOR BILLETS

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

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

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

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

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

a. OFFICER - USN - Not Applicable

b. ENLISTED - USN

Fleet Support Billets ACDU and TAR

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

Staff Billets ACDU and TAR

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

Chargeable Student Billets ACDU and TAR

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

TOTAL USN ENLISTED BILLETS:

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

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

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

c. OFFICER - USMC - Not Applicable

d. ENLISTED - USMC

Operational Billets USMC and AR

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

Fleet Support Billets USMC and AR

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

Staff Billets USMC and AR

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

Chargeable Student Billets USMC and AR

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

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

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

TOTAL USMC ENLISTED BILLETS:

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

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

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

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

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

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

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

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

PART III - TRAINING REQUIREMENTS

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

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

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

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

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

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

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

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

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

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

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

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

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

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

III.A.2.a. EXISTING COURSES

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

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC: MCAS Cherry Point, 45483

SOURCE: USMC

STUDENT CATEGORY: USMC - AR

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

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The Following elements are not affected by the AGM-88 HARM System 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: Some of the training equipment listed in element IV.A.1 is required to train on the AGM-HARM System, but all of the equipment is required for courses C-122-3111 and C-646-3105.

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

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

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET

LOCATION, UIC: Mayport, 39470

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Beam, Hoisting, 1402AS100-1	2	Oct 97	GFE	Onboard
0002	Handling Unit Guide, 2643825	1	Oct 97	GFE	Onboard
0003	Nitrogen Receiver, 58A164D863	6	Oct 97	GFE	Onboard
0004	LAU118/A Missile Launcher, 704AS4169	1	Oct 97	GFE	Onboard
0005	Beam, Guided Missile, 3293730-100	1	Oct 97	GFE	Onboard
0006	LAU 117/A(V)2/A Launcher, 3384400-120	1	Oct 97	GFE	Onboard
0007	Beam, Weapon Cradle, 616856-3	1	Oct 97	GFE	Onboard
0008	Carrier, G/WPN, 651AS100	1	Oct 97	GFE	Onboard
0009	Beam, Hoisting, 2879984	1	Oct 97	GFE	Onboard
0010	Beam, MHU-129/E, 647AS100	1	Oct 97	GFE	Onboard
0011	Adapter, Guided Missile, 1561AS100-1	1	Oct 97	GFE	Onboard
0012	Adapter Transport, (TALD), 43-28601-101	2	Oct 97	GFE	Onboard
0013	Lug Alignment Plate, (TALD), 4328625-1	2	Oct 97	GFE	Onboard
0014	Lanyard Bridle, MXK-791/B37U-1(V), 43-24100-101	2	Oct 97	GFE	Onboard
0015	Cable Assembly Adapter, ELEHRK-110/B37U-1(V)	2	Oct 97	GFE	Onboard
0018	Adapter, Height Roll, 64A114C134-1	4	Oct 96	GFE	Onboard
0019	Adapter, Transport, 1257AS100-1	1	Oct 97	GFE	Onboard
0020	Adapter, Transport, 271AS100-15	1	Oct 97	GFE	Onboard
0021	Adapter, Adjustable, 1331AS401-1	1	Oct 97	GFE	Onboard
0022	Adapter, Soft Belt, 1567575	1	Oct 97	GFE	Onboard
0023	ADV-475/E, Truck Guide, ADU475E	1	Oct 97	GFE	Onboard

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

0024	Adapter, Skid, 64A114D16-1	1	Oct 97	GFE	Onboard
0025	Adapter, Skid, Aero 5, 64A114D17	1	Oct 97	GFE	Onboard
0026	Skid, Bomb, 62A81D1-1	1	Oct 97	GFE	Onboard
0027	Adapter, ADU-514/E, 1763AS600-1	1	Oct 97	GFE	Onboard
0028	Skid, Weapon, 64A114H1-4	4	Oct 97	GFE	Onboard
0029	Adapter, Loader Small, 66A79J1	1	Oct 97	GFE	Onboard
0030	Stand Assembly, 1517829	1	Oct 97	GFE	Onboard
0031	Handle Assembly, 54A103D7-10	2	Oct 97	GFE	Onboard
0032	Stand Assembly, Sidewinder, LD267964	1	Oct 97	GFE	Onboard
0033	Tee Bar Adapter, 6SE01170-1	2	Oct 97	GFE	Onboard
0034	Nitrogen Purifier, Air, MK-2 MOD-1, 67A274D90	1	Oct 97	GFE	Onboard
0035	Container, CNU154C/E, Walleye II, NALC ZW79, DL2603508	1	Oct 97	GFE	Onboard
0036	AIM-9 Wings, MK-1 MOD-1, NALC PH13, 639AS2836	1	Oct 97	GFE	Onboard
0037	AIM-9 Fins, BSU 32/B, NALC GW86, 649AS751	1	Oct 97	GFE	Onboard
0038	ATM-54 Trainer, W.W&F, NALC BWDI, 678AS100	1	Oct 97	GFE	Onboard
0039	Container, CNU-242/E, NALC ZW86, 787AS500	1	Oct 97	GFE	Onboard
0040	ATM-7 Wings, NALC PW32, 380031	1	Oct 97	GFE	Onboard
0041	ATM-7F Fins, NALC UNK, 2070-5018	1	Oct 97	GFE	Onboard
0042	Container, CNU-166/E, (Sparrow) NALC ZW84, 2603441	1	Oct 97	GFE	Onboard
0043	Container, CNU199E (Sparrow W&F) NALC ZW85, DL2605338	1	Oct 97	GFE	Onboard
0044	Container, CNU283E, Sidewinder, NALC FW61, 639AS2702	1	Oct 97	GFE	Onboard
0045	Container, MK607 MOD 0, Harpoon, NALC 5W65, 2645309134-1	1	Oct 97	GFE	Onboard
0046	Container CNU-355/E, HARM, NALC 7W90, 808183-10	1	Oct 97	GFE	Onboard
0047	Missile Container, CNU287E, Sidewinder, NALC KW61, 639AS2750	1	Oct 97	GFE	Onboard
0048	Container, MK-493 WEI W/F NALC EW66, 68A35F1	1	Oct 97	GFE	Onboard
0049	GDU-6/C 9L0 NALC FW66, 639AS2853	1	Oct 97	GFE	Onboard
0050	MK 11 MOD 0 Walleye Trainer, LDL1000	1	Oct 97	GFE	Onboard

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

0051	Walleye Wings and Fins, WEI NALC ZW74, 63A67A555	1	Oct 97	GFE	Onboard
0052	MK 8 MOD 0 ERDL Wing, WE II NALC, 245AS901	1	Oct 97	GFE	Onboard
0053	MK32 MOD2 Fin, WE II NALC	1	Oct 97	GFE	Onboard
0054	Cover, Radome, NALC UNK, 704AS4196	1	Oct 97	GFE	Onboard
0055	Container, CNU-150-E WE/II W&F NALC ZW64, 2596741	1	Oct 97	GFE	Onboard
0056	AGM 65 Inert Load Trainer, NALC 2W90, 3384306-101	1	Oct 97	GFE	Onboard
0057	Container, CNU 399/E, for AGM 65, NALC 3W69, 101306 REV-C	1	Oct 97	GFE	Onboard
0058	Nose Cover, NALC VW96, 63A68F6214	1	Oct 97	GFE	Onboard
0059	RAT Cover, NALC PW19, 63A69F120	1	Oct 97	GFE	Onboard
0060	TALD Vehicle, A/B37 NALC 4W38, 43-20000-102	1	Oct 97	GFE	Onboard
0061	Cover Assembly, Radome, NALC UNK, 72D015071-1001	1	Oct 97	GFE	Onboard
0062	Container, CNU-436/E NALC 3W77, 43-28000-101	1	Oct 97	GFE	Onboard
0063	Container, M724 NALC EW06, P/N UNK	1	Oct 97	GFE	Onboard
0064	CNU555/E Container for CATM-120B, NALC BWCU, 3145AS101	1	Oct 97	GFE	Onboard
0065	HELLFIRE, Missile, M-34 NALC 2W59, 13007376	1	Oct 97	GFE	Onboard
0066	Container, CNU448E, for HELLFIRE, NALC CW86, 13155079	1	Oct 97	GFE	Onboard
0067	Launch Kit, Wings, Canards, NALC BWCR, 650-174-0195	1	Oct 97	GFE	Onboard
0068	Wing Canard, Penguin CNU 450 BWAB	2	Oct 97	GFE	Onboard
0069	Container, Penguin, CNU443A/E NALC BWBF	1	Oct 97	GFE	Onboard
0070	Roll Tab Tool, (TLU-509/E), 1908AS318	1	Oct 97	GFE	Onboard
0071	Container for TOW Missile, BTM71C NALC WW38, 1290AS100	1	Oct 97	GFE	Onboard
0016	TS-3037 UMB Test AIG, 2881174	1	Oct 97	GFE	Onboard
0017	Decoy Tester/Program, 43-26000-101	1	Oct 97	GFE	Onboard
0072	Lock Ring Pliers, 318M0014P001	1	Oct 97	GFE	Onboard
0073	Adapter, Filter Chamber, 156070	1	Oct 97	GFE	Onboard
0074	Pliers, 23S8	1	Oct 97	GFE	Onboard
0075	Wrench, Launcher Lug, RF3407	1	Oct 97	GFE	Onboard
0076	Wrench, Torque, JOTRU10A	1	Oct 97	GFE	Onboard

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

SPTE

0077	Spanner, Gas Inlet, 1298239	1	Oct 97	GFE	Onboard
0078	Wrench, Tube Spanner, 2601861	1	Oct 97	GFE	Onboard
0079	Driver Assembly, 2595763	1	Oct 97	GFE	Onboard
0080	Instrument Scale, 82X-01-029-1217	1	Oct 97	GFE	Onboard
0081	Handle, Screwdriver, Torque Low Range, TS-100	1	Oct 97	GFE	Onboard
0082	Tool, Missile Assembly, SA2875037	1	Oct 97	GFE	Onboard
0083	Tool, Ring Seating, SA2875046	1	Oct 97	GFE	Onboard
0084	Wrench, Spanner, 639AS2981	1	Oct 97	GFE	Onboard
0085	Wing Lock Tool, (Sparrow), 1715AS382	1	Oct 97	GFE	Onboard
0086	Tool, Wing Retraction, Local Manufacture	1	Oct 97	GFE	Onboard
0087	System Enable Switch (SES) Reset Tool, 41409566	1	Oct 97	GFE	Onboard
0088	Fixture, Wing Folding, 1908AS300	1	Oct 97	GFE	Onboard
0089	Tool, Wing Folding, 1908AS310	1	Oct 97	GFE	Onboard
0090	Missile Penguin, 31491558	1	Oct 97	GFE	Onboard
0091	Wing Lug Gauge, 31480676	1	Oct 97	GFE	Onboard

CIN, COURSE TITLE:C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET

LOCATION, UIC: Norfolk, 66046

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Beam, Hoisting, 1402AS100-1	2	Oct 97	GFE	Onboard
0002	Handling Unit Guide, 2643825	1	Oct 97	GFE	Onboard
0003	Nitrogen Receiver, 58A164D863	6	Oct 97	GFE	Onboard
0004	LAU118/A Missile Launcher, 704AS4169	1	Oct 97	GFE	Onboard
0005	Beam, Guided Missile, 3293730-100	1	Oct 97	GFE	Onboard
0006	LAU 117/A(V)2/A Launcher, 3384400-120	1	Oct 97	GFE	Onboard
0007	Beam, Weapon Cradle, 616856-3	1	Oct 97	GFE	Onboard
0008	Carrier, G/WPN, 651AS100	1	Oct 97	GFE	Onboard

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

0009	Beam, Hoisting, 2879984	1	Oct 97	GFE	Onboard
0010	Beam, MHU-129/E, 647AS100	1	Oct 97	GFE	Onboard
0011	Adapter, Guided Missile, 1561AS100-1	1	Oct 97	GFE	Onboard
0012	Adapter Transport, (TALD), 43-28601-101	2	Oct 97	GFE	Onboard
0013	Lug Alignment Plate, (TALD), 4328625-1	2	Oct 97	GFE	Onboard
0014	Lanyard Bridle, MXK-791/B37U-1(V), 43-24100-101	2	Oct 97	GFE	Onboard
0015	Cable Assembly Adapter, ELEHRK-110/B37U-1(V)	2	Oct 97	GFE	Onboard
0018	Adapter, Height Roll, 64A114C134-1	4	Oct 97	GFE	Onboard
0019	Adapter, Transport, 1257AS100-1	1	Oct 97	GFE	Onboard
0020	Adapter, Transport, 271AS100-15	1	Oct 97	GFE	Onboard
0021	Adapter, Adjustable, 1331AS401-1	1	Oct 97	GFE	Onboard
0022	Adapter, Soft Belt, 1567575	1	Oct 97	GFE	Onboard
0023	ADV-475/E, Truck Guide, ADU475E	1	Oct 97	GFE	Onboard
0024	Adapter, Skid, 64A114D16-1	1	Oct 97	GFE	Onboard
0025	Adapter, Skid, Aero 5, 64A114D17	1	Oct 97	GFE	Onboard
0026	Skid, Bomb, 62A81D1-1	1	Oct 97	GFE	Onboard
0027	Adapter, ADU-514/E, 1763AS600-1	1	Oct 97	GFE	Onboard
0028	Skid, Weapon, 64A114H1-4	4	Oct 97	GFE	Onboard
0029	Adapter, Loader Small, 66A79J1	1	Oct 97	GFE	Onboard
0030	Stand Assembly, 1517829	1	Oct 97	GFE	Onboard
0031	Handle Assembly, 54A103D7-10	2	Oct 97	GFE	Onboard
0032	Stand Assembly, Sidewinder, LD267964	1	Oct 97	GFE	Onboard
0033	Tee Bar Adapter, 6SE01170-1	2	Oct 97	GFE	Onboard
0034	Nitrogen Purifier, Air, MK-2 MOD-1, 67A274D90	1	Oct 97	GFE	Onboard
0035	Container, CNU154C/E, Walleye II, NALC ZW79, DL2603508	1	Oct 97	GFE	Onboard
0036	AIM-9 Wings, MK-1 MOD-1, NALC PH13, 639AS2836	1	Oct 97	GFE	Onboard
0037	AIM-9 Fins, BSU 32/B, NALC GW86, 649AS751	1	Oct 97	GFE	Onboard
0038	ATM-54 Trainer, W.W&F, NALC BWDI, 678AS100	1	Oct 97	GFE	Onboard

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

0039	Container, CNU-242/E, NALC ZW86, 787AS500	1	Oct 97	GFE	Onboard
0040	ATM-7 Wings, NALC PW32, 380031	1	Oct 97	GFE	Onboard
0041	ATM-7F Fins, NALC UNK, 2070-5018	1	Oct 97	GFE	Onboard
0042	Container, CNU-166/E, (Sparrow) NALC ZW84, 2603441	1	Oct 97	GFE	Onboard
0043	Container, CNU199E (Sparrow W&F) NALC ZW85, DL2605338	1	Oct 97	GFE	Onboard
0044	Container, CNU283E, Sidewinder, NALC FW61, 639AS2702	1	Oct 97	GFE	Onboard
0045	Container, MK607 MOD 0, Harpoon, NALC 5W65, 2645309134-1	1	Oct 97	GFE	Onboard
0046	Container CNU-355/E, HARM, NALC 7W90, 808183-10	1	Oct 97	GFE	Onboard
0047	Missile Container, CNU287E, Sidewinder, NALC KW61, 639AS2750	1	Oct 97	GFE	Onboard
0048	Container, MK-493 WEI W/F NALC EW66, 68A35F1	1	Oct 97	GFE	Onboard
0049	GDU-6/C 9L0 NALC FW66, 639AS2853	1	Oct 97	GFE	Onboard
0050	MK 11 MOD 0 Walleye Trainer, LDL1000	1	Oct 97	GFE	Onboard
0051	Walleye Wings and Fins, WEI NALC ZW74, 63A67A555	1	Oct 97	GFE	Onboard
0052	MK 8 MOD 0 ERDL Wing, WE II NALC, 245AS901	1	Oct 97	GFE	Onboard
0053	MK32 MOD2 Fin, WE II NALC	1	Oct 97	GFE	Onboard
0054	Cover, Radome, NALC UNK, 704AS4196	1	Oct 97	GFE	Onboard
0055	Container, CNU-150-E WE/II W&F NALC ZW64, 2596741	1	Oct 97	GFE	Onboard
0056	AGM 65 Inert Load Trainer, NALC 2W90, 3384306-101	1	Oct 97	GFE	Onboard
0057	Container, CNU 399/E, for AGM 65, NALC 3W69, 101306 REV-C	1	Oct 97	GFE	Onboard
0058	Nose Cover, NALC VW96, 63A68F6214	1	Oct 97	GFE	Onboard
0059	RAT Cover, NALC PW19, 63A69F120	1	Oct 97	GFE	Onboard
0060	TALD Vehicle, A/B37 NALC 4W38, 43-20000-102	1	Oct 97	GFE	Onboard
0061	Cover Assembly, Radome, NALC UNK, 72D015071-1001	1	Oct 97	GFE	Onboard
0062	Container, CNU-436/E NALC 3W77, 43-28000-101	1	Oct 97	GFE	Onboard
0063	Container, M724 NALC EW06, P/N UNK	1	Oct 97	GFE	Onboard
0064	CNU555/E Container for CATM-120B, NALC BWCU, 3145AS101	1	Oct 97	GFE	Onboard
0065	HELLFIRE, Missile, M-34 NALC 2W59, 13007376	1	Oct 97	GFE	Onboard
0066	Container, CNU448E, for HELLFIRE, NALC CW86, 13155079	1	Oct 97	GFE	Onboard

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

0067	Launch Kit, Wings, Canards, NALC BWCR, 650-174-0195	1	Oct 97	GFE	Onboard
0068	Wing Canard, Penguin CNU 450 BWAB	2	Oct 97	GFE	Onboard
0069	Container, Penguin, CNU443A/E NALC BWBF	1	Oct 97	GFE	Onboard
0070	Roll Tab Tool, (TLU-509/E), 1908AS318	1	Oct 97	GFE	Onboard
0071	Container for TOW Missile, BTM71C NALC WW38, 1290AS100	1	Oct 97	GFE	Onboard

SPTE

0016	TS-3037 UMB Test AIG, 2881174	1	Oct 97	GFE	Onboard
0017	Decoy Tester/Program, 43-26000-101	1	Oct 97	GFE	Onboard
0072	Lock Ring Pliers, 318M0014P001	1	Oct 97	GFE	Onboard
0073	Adapter, Filter Chamber, 156070	1	Oct 97	GFE	Onboard
0074	Pliers, 23S8	1	Oct 97	GFE	Onboard
0075	Wrench, Launcher Lug, RF3407	1	Oct 97	GFE	Onboard
0076	Wrench, Torque, JOTRU10A	1	Oct 97	GFE	Onboard
0077	Spanner, Gas Inlet, 1298239	1	Oct 97	GFE	Onboard
0078	Wrench, Tube Spanner, 2601861	1	Oct 97	GFE	Onboard
0079	Driver Assembly, 2595763	1	Oct 97	GFE	Onboard
0080	Instrument Scale, 82X-01-029-1217	1	Oct 97	GFE	Onboard
0081	Handle, Screwdriver, Torque Low Range, TS-100	1	Oct 97	GFE	Onboard
0082	Tool, Missile Assembly, SA2875037	1	Oct 97	GFE	Onboard
0083	Tool, Ring Seating, SA2875046	1	Oct 97	GFE	Onboard
0084	Wrench, Spanner, 639AS2981	1	Oct 97	GFE	Onboard
0085	Wing Lock Tool, (Sparrow), 1715AS382	1	Oct 97	GFE	Onboard
0086	Tool, Wing Retraction, Local Manufacture	1	Oct 97	GFE	Onboard
0087	System Enable Switch (SES) Reset Tool, 41409566	1	Oct 97	GFE	Onboard
0088	Fixture, Wing Folding, 1908AS300	1	Oct 97	GFE	Onboard
0089	Tool, Wing Folding, 1908AS310	1	Oct 97	GFE	Onboard
0090	Missile Penguin, 31491558	1	Oct 97	GFE	Onboard
0091	Wing Lug Gauge, 31480676	1	Oct 97	GFE	Onboard

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

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET

LOCATION, UIC: North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Beam, Hoisting, 1402AS100-1	2	Oct 97	GFE	Onboard
0002	Handling Unit Guide, 2643825	1	Oct 97	GFE	Onboard
0003	Nitrogen Receiver, 58A164D863	6	Oct 97	GFE	Onboard
0004	LAU118/A Missile Launcher, 704AS4169	1	Oct 97	GFE	Onboard
0005	Beam, Guided Missile, 3293730-100	1	Jul 99	GFE	Onboard
0006	LAU 117/A(V)2/A Launcher, 3384400-120	1	Oct 97	GFE	Onboard
0007	Beam, Weapon Cradle, 616856-3	1	Oct 97	GFE	Onboard
0008	Carrier, G/WPN, 651AS100	1	Oct 97	GFE	Onboard
0009	Beam, Hoisting, 2879984	1	Oct 97	GFE	Onboard
0010	Beam, MHU-129/E, 647AS100	1	Oct 97	GFE	Onboard
0011	Adapter, Guided Missile, 1561AS100-1	1	Oct 97	GFE	Onboard
0012	Adapter Transport, (TALD), 43-28601-101	2	Oct 97	GFE	Onboard
0013	Lug Alignment Plate, (TALD), 4328625-1	2	Oct 97	GFE	Onboard
0014	Lanyard Bridle, MXK-791/B37U-1(V), 43-24100-101	2	Oct 97	GFE	Onboard
0015	Cable Assembly Adapter, ELEHRK-110/B37U-1(V)	2	Oct 97	GFE	Onboard
0018	Adapter, Height Roll, 64A114C134-1	4	Oct 97	GFE	Onboard
0019	Adapter, Transport, 1257AS100-1	1	Oct 97	GFE	Onboard
0020	Adapter, Transport, 271AS100-15	1	Oct 97	GFE	Onboard
0021	Adapter, Adjustable, 1331AS401-1	1	Oct 97	GFE	Onboard
0022	Adapter, Soft Belt, 1567575	1	Oct 97	GFE	Onboard
0023	ADV-475/E, Truck Guide, ADU475E	1	Oct 97	GFE	Onboard
0024	Adapter, Skid, 64A114D16-1	1	Oct 97	GFE	Onboard
0025	Adapter, Skid, Aero 5, 64A114D17	1	Oct 97	GFE	Onboard
0026	Skid, Bomb, 62A81D1-1	1	Oct 97	GFE	Onboard

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

0027	Adapter, ADU-514/E, 1763AS600-1	1	Oct 97	GFE	Onboard
0028	Skid, Weapon, 64A114H1-4	4	Oct 97	GFE	Onboard
0029	Adapter, Loader Small, 66A79J1	1	Oct 97	GFE	Onboard
0030	Stand Assembly, 1517829	1	Oct 97	GFE	Onboard
0031	Handle Assembly, 54A103D7-10	2	Oct 97	GFE	Onboard
0032	Stand Assembly, Sidewinder, LD267964	1	Oct 97	GFE	Onboard
0033	Tee Bar Adapter, 6SE01170-1	2	Oct 97	GFE	Onboard
0034	Nitrogen Purifier, Air, MK-2 MOD-1, 67A274D90	1	Oct 97	GFE	Onboard
0035	Container, CNU154C/E, Walleye II, NALC ZW79, DL2603508	1	Oct 97	GFE	Onboard
0036	AIM-9 Wings, MK-1 MOD-1, NALC PH13, 639AS2836	1	Oct 97	GFE	Onboard
0037	AIM-9 Fins, BSU 32/B, NALC GW86, 649AS751	1	Oct 97	GFE	Onboard
0038	ATM-54 Trainer, W.W&F, NALC BWDI, 678AS100	1	Oct 97	GFE	Onboard
0039	Container, CNU-242/E, NALC ZW86, 787AS500	1	Oct 97	GFE	Onboard
0040	ATM-7 Wings, NALC PW32, 380031	1	Oct 97	GFE	Onboard
0041	ATM-7F Fins, NALC UNK, 2070-5018	1	Oct 97	GFE	Onboard
0042	Container, CNU-166/E, (Sparrow) NALC ZW84, 2603441	1	Oct 97	GFE	Onboard
0043	Container, CNU199E (Sparrow W&F) NALC ZW85, DL2605338	1	Oct 97	GFE	Onboard
0044	Container, CNU283E, Sidewinder, NALC FW61, 639AS2702	1	Oct 97	GFE	Onboard
0045	Container, MK607 MOD 0, Harpoon, NALC 5W65, 2645309134-1	1	Oct 97	GFE	Onboard
0046	Container CNU-355/E, HARM, NALC 7W90, 808183-10	1	Oct 97	GFE	Onboard
0047	Missile Container, CNU287E, Sidewinder, NALC KW61, 639AS2750	1	Oct 97	GFE	Onboard
0048	Container, MK-493 WEI W/F NALC EW66, 68A35F1	1	Oct 97	GFE	Onboard
0049	GDU-6/C 9L0 NALC FW66, 639AS2853	1	Oct 97	GFE	Onboard
0050	MK 11 MOD 0 Walleye Trainer, LDL1000	1	Oct 97	GFE	Onboard
0051	Walleye Wings and Fins, WEI NALC ZW74, 63A67A555	1	Oct 97	GFE	Onboard
0052	MK 8 MOD 0 ERDL Wing, WE II NALC, 245AS901	1	Oct 97	GFE	Onboard
0053	MK32 MOD2 Fin, WE II NALC	1	Oct 97	GFE	Onboard
0054	Cover, Radome, NALC UNK, 704AS4196	1	Oct 97	GFE	Onboard
0055	Container, CNU-150-E WE/II W&F NALC ZW64, 2596741	1	Oct 97	GFE	Onboard

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

0056	AGM 65 Inert Load Trainer, NALC 2W90, 3384306-101	1	Oct 97	GFE	Onboard
0057	Container, CNU 399/E, for AGM 65, NALC 3W69, 101306 REV-C	1	Oct 97	GFE	Onboard
0058	Nose Cover, NALC VW96, 63A68F6214	1	Oct 97	GFE	Onboard
0059	RAT Cover, NALC PW19, 63A69F120	1	Oct 97	GFE	Onboard
0060	TALD Vehicle, A/B37 NALC 4W38, 43-20000-102	1	Oct 97	GFE	Onboard
0061	Cover Assembly, Radome, NALC UNK, 72D015071-1001	1	Oct 97	GFE	Onboard
0062	Container, CNU-436/E NALC 3W77, 43-28000-101	1	Oct 97	GFE	Onboard
0063	Container, M724 NALC EW06, P/N UNK	1	Oct 97	GFE	Onboard
0064	CNU555/E Container for CATM-120B, NALC BWCU, 3145AS101	1	Oct 97	GFE	Onboard
0065	HELLFIRE, Missile, M-34 NALC 2W59, 13007376	1	Oct 97	GFE	Onboard
0066	Container, CNU448E, for HELLFIRE, NALC CW86, 13155079	1	Oct 97	GFE	Onboard
0067	Launch Kit, Wings, Canards, NALC BWCR, 650-174-0195	1	Oct 97	GFE	Onboard
0068	Wing Canard, Penguin CNU 450 BWAB	2	Oct 97	GFE	Onboard
0069	Container, Penguin, CNU443A/E NALC BWBF	1	Oct 97	GFE	Onboard
0070	Roll Tab Tool, (TLU-509/E), 1908AS318	1	Oct 97	GFE	Onboard
0071	Container for TOW Missile, BTM71C NALC WW38, 1290AS100	1	Oct 97	GFE	Onboard

SPTE

0016	TS-3037 UMB Test AIG, 2881174	1	Oct 97	GFE	Onboard
0017	Decoy Tester/Program, 43-26000-101	1	Oct 97	GFE	Onboard
0072	Lock Ring Pliers, 318M0014P001	1	Oct 97	GFE	Onboard
0073	Adapter, Filter Chamber, 156070	1	Oct 97	GFE	Onboard
0074	Pliers, 23S8	1	Oct 97	GFE	Onboard
0075	Wrench, Launcher Lug, RF3407	1	Oct 97	GFE	Onboard
0076	Wrench, Torque, JOTRU10A	1	Oct 97	GFE	Onboard
0077	Spanner, Gas Inlet, 1298239	1	Oct 97	GFE	Onboard
0078	Wrench, Tube Spanner, 2601861	1	Oct 97	GFE	Onboard
0079	Driver Assembly, 2595763	1	Oct 97	GFE	Onboard
0080	Instrument Scale, 82X-01-029-1217	1	Oct 97	GFE	Onboard

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

0081	Handle, Screwdriver, Torque Low Range, TS-100	1	Oct 97	GFE	Onboard
0082	Tool, Missile Assembly, SA2875037	1	Oct 97	GFE	Onboard
0083	Tool, Ring Seating, SA2875046	1	Oct 97	GFE	Onboard
0084	Wrench, Spanner, 639AS2981	1	Oct 97	GFE	Onboard
0085	Wing Lock Tool, (Sparrow), 1715AS382	1	Oct 97	GFE	Onboard
0086	Tool, Wing Retraction, Local Manufacture	1	Oct 97	GFE	Onboard
0087	System Enable Switch (SES) Reset Tool, 41409566	1	Oct 97	GFE	Onboard
0088	Fixture, Wing Folding, 1908AS300	1	Oct 97	GFE	Onboard
0089	Tool, Wing Folding, 1908AS310	1	Oct 97	GFE	Onboard
0090	Missile Penguin, 31491558	1	Oct 97	GFE	Onboard
0091	Wing Lug Gauge, 31480676	1	Oct 97	GFE	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET

LOCATION, UIC: Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Beam, Hoisting, 1402AS100-1	2	Jul 99	GFE	Onboard
0002	Handling Unit Guide, 2643825	1	Jul 99	GFE	Onboard
0003	Nitrogen Receiver, 58A164D863	6	Jul 99	GFE	Onboard
0004	LAU118/A Missile Launcher, 704AS4169	1	Jul 99	GFE	Onboard
0005	Beam, Guided Missile, 3293730-100	1	Oct 97	GFE	Onboard
0006	LAU 117/A(V)2/A Launcher, 3384400-120	1	Jul 99	GFE	Onboard
0007	Beam, Weapon Cradle, 616856-3	1	Jul 97	GFE	Onboard
0008	Carrier, G/WPN, 651AS100	1	Jul 99	GFE	Onboard
0009	Beam, Hoisting, 2879984	1	Jul 99	GFE	Onboard
0010	Beam, MHU-129/E, 647AS100	1	Jul 99	GFE	Onboard
0011	Adapter, Guided Missile, 1561AS100-1	1	Jul 99	GFE	Onboard
0012	Adapter Transport, (TALD), 43-28601-101	2	Jul 99	GFE	Onboard

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

0013	Lug Alignment Plate, (TALD), 4328625-1	2	Jul 99	GFE	Onboard
0014	Lanyard Bridle, MXK-791/B37U-1(V), 43-24100-101	2	Jul 99	GFE	Onboard
0015	Cable Assembly Adapter, ELEHRK-110/B37U-1(V)	2	Jul 99	GFE	Onboard
0018	Adapter, Height Roll, 64A114C134-1	4	Jul 99	GFE	Onboard
0019	Adapter, Transport, 1257AS100-1	1	Jul 99	GFE	Onboard
0020	Adapter, Transport, 271AS100-15	1	Jul 99	GFE	Onboard
0021	Adapter, Adjustable, 1331AS401-1	1	Jul 99	GFE	Onboard
0022	Adapter, Soft Belt, 1567575	1	Jul 99	GFE	Onboard
0023	ADV-475/E, Truck Guide, ADU475E	1	Jul 99	GFE	Onboard
0024	Adapter, Skid, 64A114D16-1	1	Jul 99	GFE	Onboard
0025	Adapter, Skid, Aero 5, 64A114D17	1	Jul 99	GFE	Onboard
0026	Skid, Bomb, 62A81D1-1	1	Jul 99	GFE	Onboard
0027	Adapter, ADU-514/E, 1763AS600-1	1	Jul 99	GFE	Onboard
0028	Skid, Weapon, 64A114H1-4	4	Jul 99	GFE	Onboard
0029	Adapter, Loader Small, 66A79J1	1	Jul 99	GFE	Onboard
0030	Stand Assembly, 1517829	1	Jul 99	GFE	Onboard
0031	Handle Assembly, 54A103D7-10	2	Jul 99	GFE	Onboard
0032	Stand Assembly, Sidewinder, LD267964	1	Jul 99	GFE	Onboard
0033	Tee Bar Adapter, 6SE01170-1	2	Jul 99	GFE	Onboard
0034	Nitrogen Purifier, Air, MK-2 MOD-1, 67A274D90	1	Jul 99	GFE	Onboard
0035	Container, CNU154C/E, Walleye II, NALC ZW79, DL2603508	1	Jul 99	GFE	Onboard
0036	AIM-9 Wings, MK-1 MOD-1, NALC PH13, 639AS2836	1	Jul 99	GFE	Onboard
0037	AIM-9 Fins, BSU 32/B, NALC GW86, 649AS751	1	Jul 99	GFE	Onboard
0038	ATM-54 Trainer, W.W&F, NALC BWDI, 678AS100	1	Jul 99	GFE	Onboard
0039	Container, CNU-242/E, NALC ZW86, 787AS500	1	Jul 99	GFE	Onboard
0040	ATM-7 Wings, NALC PW32, 380031	1	Jul 99	GFE	Onboard
0041	ATM-7F Fins, NALC UNK, 2070-5018	1	Jul 99	GFE	Onboard
0042	Container, CNU-166/E, (Sparrow) NALC ZW84, 2603441	1	Jul 99	GFE	Onboard

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

0043	Container, CNU199E (Sparrow W&F) NALC ZW85, DL2605338	1	Jul 99	GFE	Onboard
0044	Container, CNU283E, Sidewinder, NALC FW61, 639AS2702	1	Jul 99	GFE	Onboard
0045	Container, MK607 MOD 0, Harpoon, NALC 5W65, 2645309134-1	1	Jul 99	GFE	Onboard
0046	Container CNU-355/E, HARM, NALC 7W90, 808183-10	1	Jul 99	GFE	Onboard
0047	Missile Container, CNU287E, Sidewinder, NALC KW61, 639AS2750	1	Jul 99	GFE	Onboard
0048	Container, MK-493 WEI W/F NALC EW66, 68A35F1	1	Jul 99	GFE	Onboard
0049	GDU-6/C 9L0 NALC FW66, 639AS2853	1	Jul 99	GFE	Onboard
0050	MK 11 MOD 0 Walleye Trainer, LDL1000	1	Jul 99	GFE	Onboard
0051	Walleye Wings and Fins, WEI NALC ZW74, 63A67A555	1	Jul 99	GFE	Onboard
0052	MK 8 MOD 0 ERDL Wing, WE II NALC, 245AS901	1	Jul 99	GFE	Onboard
0053	MK32 MOD2 Fin, WE II NALC	1	Jul 99	GFE	Onboard
0054	Cover, Radome, NALC UNK, 704AS4196	1	Jul 99	GFE	Onboard
0055	Container, CNU-150-E WE/II W&F NALC ZW64, 2596741	1	Jul 99	GFE	Onboard
0056	AGM 65 Inert Load Trainer, NALC 2W90, 3384306-101	1	Jul 99	GFE	Onboard
0057	Container, CNU 399/E, for AGM 65, NALC 3W69, 101306 REV-C	1	Jul 99	GFE	Onboard
0058	Nose Cover, NALC VW96, 63A68F6214	1	Jul 99	GFE	Onboard
0059	RAT Cover, NALC PW19, 63A69F120	1	Jul 99	GFE	Onboard
0060	TALD Vehicle, A/B37 NALC 4W38, 43-20000-102	1	Jul 99	GFE	Onboard
0061	Cover Assembly, Radome, NALC UNK, 72D015071-1001	1	Jul 99	GFE	Onboard
0062	Container, CNU-436/E NALC 3W77, 43-28000-101	1	Jul 99	GFE	Onboard
0063	Container, M724 NALC EW06, P/N UNK	1	Jul 99	GFE	Onboard
0064	CNU555/E Container for CATM-120B, NALC BWCU, 3145AS101	1	Jul 99	GFE	Onboard
0065	HELLFIRE, Missile, M-34 NALC 2W59, 13007376	1	Jul 99	GFE	Onboard
0066	Container, CNU448E, for HELLFIRE, NALC CW86, 13155079	1	Jul 99	GFE	Onboard
0067	Launch Kit, Wings, Canards, NALC BWCR, 650-174-0195	1	Jul 99	GFE	Onboard
0068	Wing Canard, Penguin CNU 450 BWAB	2	Jul 99	GFE	Onboard
0069	Container, Penguin, CNU443A/E NALC BWBF	1	Jul 99	GFE	Onboard
0070	Roll Tab Tool, (TLU-509/E), 1908AS318	1	Jul 99	GFE	Onboard

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

0071	Container for TOW Missile, BTM71C NALC WW38, 1290AS100	1	Jul 99	GFE	Onboard
SPTE					
0016	TS-3037 UMB Test AIG, 2881174	1	Jul 99	GFE	Onboard
0017	Decoy Tester/Program, 43-26000-101	1	Jul 99	GFE	Onboard
0072	Lock Ring Pliers, 318M0014P001	1	Jul 99	GFE	Onboard
0073	Adapter, Filter Chamber, 156070	1	Jul 99	GFE	Onboard
0074	Pliers, 23S8	1	Jul 99	GFE	Onboard
0075	Wrench, Launcher Lug, RF3407	1	Jul 99	GFE	Onboard
0076	Wrench, Torque, JOTRU10A	1	Jul 99	GFE	Onboard
0077	Spanner, Gas Inlet, 1298239	1	Jul 99	GFE	Onboard
0078	Wrench, Tube Spanner, 2601861	1	Jul 99	GFE	Onboard
0079	Driver Assembly, 2595763	1	Jul 99	GFE	Onboard
0080	Instrument Scale, 82X-01-029-1217	1	Jul 99	GFE	Onboard
0081	Handle, Screwdriver, Torque Low Range, TS-100	1	Jul 99	GFE	Onboard
0082	Tool, Missile Assembly, SA2875037	1	Jul 99	GFE	Onboard
0083	Tool, Ring Seating, SA2875046	1	Jul 99	GFE	Onboard
0084	Wrench, Spanner, 639AS2981	1	Jul 99	GFE	Onboard
0085	Wing Lock Tool, (Sparrow), 1715AS382	1	Jul 99	GFE	Onboard
0086	Tool, Wing Retraction, Local Manufacture	1	Jul 99	GFE	Onboard
0087	System Enable Switch (SES) Reset Tool, 41409566	1	Jul 99	GFE	Onboard
0088	Fixture, Wing Folding, 1908AS300	1	Jul 99	GFE	Onboard
0089	Tool, Wing Folding, 1908AS310	1	Jul 99	GFE	Onboard
0090	Missile Penguin, 31491558	1	Jul 99	GFE	Onboard
0091	Wing Lug Gauge, 31480676	1	Jul 99	GFE	Onboard

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC: MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE 0092	Launcher, LAU-117, 3384400-120	4	Oct 97	GFE	Onboard

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

0093	Launcher, LAU-118, 704AS4169-1	4	Oct 97	GFE	Onboard
0094	Launcher, LAU-115/A, 74A730351-1003	4	Oct 97	GFE	Onboard
0095	Launcher, LAU-116/A, 74A30301-1007	2	Oct 97	GFE	Onboard
0096	Bomb Ejector Rack, AERO-7A-5, 302AS200	4	Oct 97	GFE	Onboard
0097	Ejector Rack Assembly, BRU-32/A, J013400-531	4	Oct 97	GFE	Onboard
0098	Vertical Ejector Rack Assembly, BRU-33/A, J014000-541	4	Oct 97	GFE	Onboard
0099	Improved Triple Ejector Rack, BRU-42/A, 1348AS500	4	Oct 97	GFE	Onboard
0100	Adapter Missile Launcher, ADU-299/A, 564AS100-1	4	Oct 97	GFE	Onboard
0101	Nitrogen Receiver Assembly, 58A164D863	4	Oct 97	GFE	Onboard
0102	Gun System, 20MM Link, F/A-18 Aircraft, 211F930	2	Oct 97	GFE	Onboard
0103	M197, Automatic Gun, 11838579	2	Oct 97	GFE	Onboard
0104	Fixture, Feed Unit, 11838602	2	Oct 97	GFE	Onboard
0105	M-89E-1, Delinking Feeder, 12007300	2	Oct 97	GFE	Onboard
0106	Launcher, LAU-7 A-6, 58A164874	4	Oct 97	GFE	Onboard
0107	Rack, Bomb Ejector, BRU-20A, 291AS405	4	Oct 97	GFE	Onboard
0108	Rack, Bomb Ejector, BRU-23/A, 291AS415	2	Oct 97	GFE	Onboard
0109	Aircraft Store, Ejector Rack, 15-004-001-5	4	Oct 97	GFE	Onboard
0110	Power Supply, LAU-7 A-6	4	Oct 97	GFE	Onboard
0111	BRU 22-A, 291AS410	2	Oct 97	GFE	Onboard
0112	Launcher, M272 HELLFIRE, 13009444	2	Oct 97	GFE	Onboard
0113	Launcher, TOW Missile, 3234008-110	2	Oct 97	GFE	Onboard
0114	Gun System, 25MM, Aircraft, 1395AS101	2	Oct 97	GFE	Onboard
0115	Transfer/Turnaround, 195AS667	2	Oct 97	GFE	Onboard
0116	Turret, Armament, 218F457	4	Oct 97	GFE	Onboard
0117	Rack, Bomb Ejector, BRU-36, MD31623-3500	4	Oct 97	GFE	Onboard
0118	Launcher, Guided Missile, LAU-127	4	Oct 97	GFE	Onboard
0119	Pylon, Aircraft, SUU-62, 74A735001-1017	2	Oct 97	GFE	Onboard
0120	Pylon, Aircraft, SUU-63, 74G735001-1005	2	Oct 97	GFE	Onboard
0121	Replenisher, Ammunition, 314AS500-1	2	Oct 97	GFE	Onboard

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

0122	Loader, Ammunition, 3141AS798-1	2	Oct 97	GFE	Onboard
0123	Recoil Adapter, 105D3853	2	Oct 97	GFE	Onboard
0124	Slider Assembly, 167C1557	2	Oct 97	GFE	Onboard
0125	Drive Assembly, 117D2954	2	Oct 97	GFE	Onboard
0126	Launcher, Guided Missile, LAU-16-A, 74A730301-1008	2	Oct 97	GFE	Onboard
0127	Launcher, Guided Missile, LAU-7 C/A, 3455AS100	2	Oct 97	GFE	Onboard
0128	Munitions, Assembly Conveyor, 8457540-10	1	Oct 97	GFE	Onboard
0129	Cradle, Universal, Small, MHU-63/E, 2560340	4	Oct 97	GFE	Onboard
0130	Cradle, Universal, Large, MHU-65/E, 2560341	2	Oct 97	GFE	Onboard
0131	Cradle, Sidewinder, MHU-61/E, 7002M0006	2	Oct 97	GFE	Onboard
0132	Adapter Skid, Trailer, AERO-74A, 64A98E100	4	Oct 97	GFE	Onboard
0133	Skid Platform, MHU-125/E, 1330AS100-1	4	Oct 97	GFE	Onboard
0134	Adapter Skid, AERO-58A, 64A114D17-1	4	Oct 97	GFE	Onboard
0135	Adapter, Soft Belt, AERO-64A, 1567575	4	Oct 97	GFE	Onboard
0136	Adapter, Height, ADU-359/E	4	Oct 97	GFE	Onboard
0137	Adapter, Missile, ADU-600/E, 1245AS600-1	4	Oct 97	GFE	Onboard
0138	Adapter, Missile, ADU-574/E, 1517AS106-1	1	Oct 97	GFE	Onboard
0139	Adapter, Missile, ADU-575/E, 1517AS107	1	Oct 97	GFE	Onboard
0140	Adapter Hook, MK 91 MOD 0, 2643315	1	Oct 97	GFE	Onboard
0141	Adapter, Roller, ADU-405/E, 64A114C134	4	Oct 97	GFE	Onboard
0142	Carrier, Weapons, MK51, 651AS100	2	Oct 97	GFE	Onboard
0143	Beam, Handling, 1732AS100	2	Oct 97	GFE	Onboard
0144	Adapter, Gun Rotor, 139AS670	2	Oct 97	GFE	Onboard
0145	Stand, Maintenance, Gun, 1395AS690	2	Oct 97	GFE	Onboard
0146	Stand, Maintenance, 1395AS697	2	Oct 97	GFE	Onboard
0147	Stand, Maintenance, 1395AS563	2	Oct 97	GFE	Onboard
0148	Stand, Maintenance, 1395AS564	2	Oct 97	GFE	Onboard
0149	Tank, Pressure, 1732AS500	2	Oct 97	GFE	Onboard
0150	Adapter, Gun Handling, 74D750013-1003	2	Oct 97	GFE	Onboard

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

0151	Sling, Aircraft Maintenance, 1245100-1	2	Oct 97	GFE	Onboard
0152	Side Plate, Maintenance Fixture, BRU-32A, 1534AS100AF4-2	4	Oct 97	GFE	Onboard
0153	Side Plate, Maintenance Fixture, BRU-33/A, 5942665-1	4	Oct 97	GFE	Onboard
0154	Fixture, Checking, 132D1727	2	Oct 97	GFE	Onboard
0155	Fixture, Aircraft Maintenance, 105D3623	2	Oct 97	GFE	Onboard
0156	Fixture, Checking, 117D2305	2	Oct 97	GFE	Onboard
0157	Fixture Assembly, 20 MM, 7274771	2	Oct 97	GFE	Onboard
0158	Fixture, Gun Assembly, 11838615	2	Oct 97	GFE	Onboard
0159	Adapter, Gun Feed, 1395AS695	2	Oct 97	GFE	Onboard
0160	Ring Applicator, 1395AS816	2	Oct 97	GFE	Onboard
0161	Missile Clamp Puller, 1395AS629	2	Oct 97	GFE	Onboard
0162	Adapter Assembly, 1395AS560	2	Oct 97	GFE	Onboard
0163	Fixture, Checking, 132D1732	2	Oct 97	GFE	Onboard
0164	Fixture, Gear Timing, 132D1856	2	Oct 97	GFE	Onboard
0165	Adapter, Gun, 5525133	2	Oct 97	GFE	Onboard
0166	Stand, Turret, Assembly/Disassembly, 219F373	2	Oct 97	GFE	Onboard
0167	Cradle, Gun System, 75D750012-1001	4	Oct 97	GFE	Onboard
0168	Weapons Carrier, MK49 MOD1, 808AS100	2	Oct 97	GFE	Onboard
0169	Bar, Hoisting, Bomb, HLU-286/E, 1171AS100-1	2	Oct 97	GFE	Onboard
0170	Rocket Assembly Tool Kit, 233AS250	2	Oct 97	GFE	Onboard
0171	Dispenser, SUU-25F/A, L111	2	Oct 97	CFE	Onboard
0172	Retarder, Inflatable, 1W73 BSU-85/B	2	Oct 97	GFE	Onboard
0173	Bomb, Fire, MK 77, E134	2	Oct 97	GFE	Onboard
0174	Dispenser, Bomb, Aircraft, T MK 20 MOD 3, E808	2	Oct 97	GFE	Onboard
0175	Bomb, Practice, MK 106/BDU-48/B, E962	4	Oct 97	GFE	Onboard
0176	Bomb, Practice, MK 76, E973	4	Oct 97	GFE	Onboard
0177	Bomb, GP BDU-45, Inert, F017	6	Oct 97	GFE	Onboard
0178	Arming Wire Assembly, MK 3, F448	200	Oct 97	GFE	Onboard

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

0179	Fin Assembly, BSU-86 A/B, F780	2	Oct 97	GFE	Onboard
0180	Fin Assembly, BSU-33 A/B, F780	2	Oct 97	GFE	Onboard
0181	Fuze, Bomb, Nose, M904E2, F919	4	Oct 97	GFE	Onboard
0182	Adapter, Spotting, Charge, Fw44	6	Oct 98	GFE	Onboard
0183	Plug, Solid Nose, Steel, MXU-735/B, FW90	6	Oct 97	GFE	Onboard
0184	Switch, Arming Safety, MK 122, GW03	4	Oct 97	GFE	Onboard
0185	Launcher, LAU-61C/A, H121	2	Oct 97	GFE	Onboard
0186	Launcher, LAU-68D/A, H122	2	Oct 97	GFE	Onboard
0187	Launcher, LAU-10D/A, H142	2	Oct 97	GFE	Onboard
0188	Rocket Motor, Inert MK 66 MOD 2, H308	52	Oct 97	GFE	Onboard
0189	Warhead, 2.75 Inch, Inert, H663	52	Oct 97	GFE	Onboard
0190	Warhead, 5.00 Inch, Inert, H886	8	Oct 97	GFE	Onboard
0191	TOW Dummy Guided Missile Cover, SK2142-TOW-001	2	Oct 97	GFE	Onboard
0192	Flare, Aircraft Parachute, LUU-2B/B Inert, L431	16	Oct 97	GFE	Onboard
0193	Kit, Flare Adapter, 7027657-10	8	Oct 97	GFE	Onboard
0194	Dispenser and Mine CBU Gator, 1183AS102	2	Oct 97	GFE	Onboard
0195	Rocket Motor MK 1 MOD 1, DL318AS200	8	Oct 97	GFE	Onboard
0196	Clip, Retainer, 3192382	100	Oct 97	GFE	Onboard
0197	Warhead, 2.75 Inch Illumination, H812	4	Oct 97	GFE	Onboard
0198	Fuze MK 188 F/5.00 Inch Warhead, J345	8	Oct 97	GFE	Onboard
0199	Adapter, Booster T45, F402	12	Oct 97	GFE	Onboard
0200	Fin Assembly, F/MK 83 GP Bomb, F642	2	Oct 97	GFE	Onboard
0201	Target Detecting Device, MK 43, G382	2	Oct 97	GFE	Onboard
0202	Initiator, Firebomb, MK 13, DL601820	4	Oct 97	GFE	Onboard
0203	Cartridge, Dummy 20 MM, M50 Series, 1305-A924	200	Oct 97	GFE	Onboard
0204	25MM Dummy Ammunition, 1305-A968	12	Oct 97	GFE	Onboard
0205	Fuze Assembly, Bomb Dummy, FMU-139, F811	6	Oct 97	GFE	Onboard
0206	CCG MAU-169A/A (GBU-16), FW92, Inerted	2	Oct 97	GFE	Onboard

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

0207	AFG MXU-667/B (GBU-16), FW95	2	Oct 97	GFE	Onboard
0208	Shear Pin, F/SUU-25FA, LY57	100	Oct 97	GFE	Onboard
0209	Shield, RAD-HAZ F/TOW, JW83	4	Oct 97	GFE	Onboard
0210	MAU-166 F/GBU, 65C12057	6	Oct 97	GFE	Onboard
0211	MAU-182 Swivel, LW04	8	Oct 97	GFE	Onboard

SPTE

0178	Launcher Detent Test Set, A/E99T-18, 120AS100	2	Oct 97	GFE	Onboard
0212	Bushing Removal Tool, 1409AS112	2	Oct 97	GFE	Onboard
0213	Assembly, Fixture Compression, 64A17D30	4	Oct 97	GFE	Onboard
0214	Assembly, Fixture Launcher, 64A17C50	8	Oct 97	GFE	Onboard
0215	Block, Detent Locking, 64A17B21	4	Oct 97	GFE	Onboard
0216	Gauge, AFT Snubber, (Maximum), 64A17C72	4	Oct 97	GFE	Onboard
0217	Gauge, AFT Snubber, (Minimum), 64A17C104	4	Oct 97	GFE	Onboard
0218	Gauge, FWD Snubber, (Maximum), 64A17C101	4	Oct 97	GFE	Onboard
0219	Gauge, Umbilical, 64A17D80	4	Oct 97	GFE	Onboard
0220	Tool, Installation and Removal, ATT. Bolt, 64A17C117	2	Oct 97	GFE	Onboard
0221	Tool, Installation and Removal, Power Supply, 1517500	2	Oct 97	GFE	Onboard
0222	Tool, Installation and Removal, Retainer Ring, 64A17C118	2	Oct 97	GFE	Onboard
0223	Wrench, Nitrogen Receiver, 1517501	2	Oct 97	GFE	Onboard
0224	Pin, Quick Release, 58A164D789	4	Oct 97	GFE	Onboard
0225	Hook Retainer Assembly, 56A47C68	2	Oct 97	GFE	Onboard
0226	Ground Safety Handle Spacer Sleeve, 4943867-1	4	Oct 97	GFE	Onboard
0227	Ejector Conduit Assembly Mechanical Puller, 5943860-1	4	Oct 97	GFE	Onboard
0228	Dummy Cartridge Spacer Sleeve, 4943866-1	4	Oct 97	GFE	Onboard
0229	Spanner Wrench, ST L 1848A	2	Oct 97	GFE	Onboard
0230	Pin, Quick Release, MS17986-1050	4	Oct 97	GFE	Onboard
0231	Spring Holder, 3943865-1	4	Oct 97	GFE	Onboard
0232	Spring Compression Tool, 3943864-1	2	Oct 97	GFE	Onboard
0233	BRU-33/A Alignment Tool	2	Oct 97	GFE	Onboard

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

0234	Tester, Spring Resile, L30	2	Oct 97	GFE	Onboard
0235	Breech Cap Plug Assembly Wrench, 3825733-501	2	Oct 97	GFE	Onboard
0236	Gauge Assembly, Guide Bar, 189F484	2	Oct 97	GFE	Onboard
0237	Chute, Element Load, 176F615	2	Oct 97	GFE	Onboard
0238	Gauge, Go No-Go, 176C1605	2	Oct 97	GFE	Onboard
0239	Lock Plate Tool, 105D3625	2	Oct 97	GFE	Onboard
0240	Gauge, Forward Snubber, Minimum, 64A17C71	4	Oct 97	GFE	Onboard
0241	Rod, Cleaning, Small, 8766012	2	Oct 97	GFE	Onboard
0242	Brush, Bore 20MM Cleaning Small Arms, 7225087	2	Oct 97	GFE	Onboard
0243	Tool, Removal, 58A164D823	2	Oct 97	GFE	Onboard
0244	Pin, Ground Safety, 106005-1	4	Oct 97	GFE	Onboard
0245	Key, Socket Headscrew, 106006-1	4	Oct 97	GFE	Onboard
0246	Tool, Cocking, 1732AS410	2	Oct 97	GFE	Onboard
0247	Gauge, Breech Space, 889C922G1	2	Oct 97	GFE	Onboard
0248	Gauge, Striker Point, 64A17C40	4	Oct 97	GFE	Onboard
0249	Fixture, Holding, 114C3004	2	Oct 97	GFE	Onboard
0250	Puller, Mechanical, GGGP00781	2	Oct 97	GFE	Onboard
0251	Packer, Main Bearing, 1732AS575	2	Oct 97	GFE	Onboard
0252	Gauge, Backlash, 217F938	1	Oct 97	GFE	Onboard
0253	Wrench, Torque, 0-600 Inch Pounds, A-A-2411	2	Oct 97	GFE	Onboard
0254	Wrench, Torque, 150-750 Inch Pounds, GGG-W-2843	2	Oct 97	GFE	Onboard
0255	Wrench, Torque, 100-750 Inch Pounds, 8139487	2	Oct 97	GFE	Onboard
0256	Wrench, Torque, 0-150 Inch Pounds, GGG-W-2483	2	Oct 97	GFE	Onboard
0257	Brush Section Assembly, 8766014	2	Oct 97	GFE	Onboard
0258	Micrometer, Depth, GGG-C-105	2	Oct 97	GFE	Onboard
0259	Wrench, Torque, 0-100 Inch Pounds, 1556707	2	Oct 97	GFE	Onboard
0260	Multimeter, Digital, 27-AN	2	Oct 97	GFE	Onboard
0261	Caliper, Micrometer, Outside (1 Inch), PMF109	4	Oct 97	GFE	Onboard

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

0262	Checking Fixture, Feeder Assembly, 105D3867	2	Oct 97	GFE	Onboard
0263	Element Load, Chute Assembly, 176C1534	2	Oct 97	GFE	Onboard
0264	Checking Fixture, Pickoff Unit, 105D3866	2	Oct 97	GFE	Onboard
0265	Wrench Set, Socket, 173AS400	2	Oct 97	GFE	Onboard
0266	Wrench, Adapter Span, 923AS219	2	Oct 97	GFE	Onboard
0267	Tool, Firing Lever P, 1732AS480	4	Oct 97	GFE	Onboard
0268	Compressor Assembly, Detent, 64A17D20	4	Oct 97	GFE	Onboard
0269	Adapter, Connector, 917AS8809	4	Oct 97	GFE	Onboard
0270	Assembly, Pump and Hose, 556136-1	2	Oct 97	GFE	Onboard
0271	Tool, Wing Actuator, MK83, 876413-3	2	Oct 97	GFE	Onboard
0272	Blind Nut Replacement Kit, BH25B	1	Oct 97	GFE	Onboard
0273	Mandrel, M2-1032	1	Oct 97	GFE	Onboard
0274	Tester, MK III Rocket Launcher, 11554090-2	2	Oct 97	GFE	Onboard
0275	Multimeter, 77BN	4	Oct 97	GFE	Onboard
0276	Test Set, GM Launcher, AN/AWM-90, 1271AS4000	2	Oct 97	GFE	Onboard
0277	Launcher Detent Test Set, LAU-118, 704AS4050-1	2	Oct 97	GFE	Onboard
0279	Rate of Flow Indicator, GMU-24/A, 61A91D100	2	Oct 97	GFE	Onboard
0280	Tester, Leakage/Pressure System, TTU-246/E, 61A17D1	2	Oct 97	GFE	Onboard
0281	Test Set, Bomb/Ejector Rack/ECU AN/AWM-94, 1532AS2000	2	Oct 97	GFE	Onboard
0282	Test Set, Gun System, 1395AS1548	2	Oct 97	GFE	Onboard
0283	Test Kit, Pneumatic, 1395AS849	2	Oct 97	GFE	Onboard
0284	Checking Fixture, CO, 1395AS569	2	Oct 97	GFE	Onboard
0285	Fixture Checking, SP, 1395AS569	2	Oct 97	GFE	Onboard
0286	Fixture Checking, SP, 1395AS565	2	Oct 97	GFE	Onboard
0287	Fixture Checking, 1395AS1557	2	Oct 97	GFE	Onboard
0288	Fixture, Gun Insert, 139AS691	2	Oct 97	GFE	Onboard
0289	Fixture, Bolt Assembly, 1395AS694	2	Oct 97	GFE	Onboard
0290	Checking Fixture, SP, 1395AS620	2	Oct 97	GFE	Onboard

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

0291	Checking Fixture, SP, 1395AS624	2	Oct 97	GFE	Onboard
0292	Checking Fixture, SP, 1395AS628	2	Oct 97	GFE	Onboard
0293	Gauge Set, Maximum Rounds, 1732AS300	2	Oct 97	GFE	Onboard
0294	Gauge, Firing Pin, 1395AS692	2	Oct 97	GFE	Onboard
0295	Checking Fixture, 1395AS852	2	Oct 97	GFE	Onboard
0296	Caliper, Vernier 0-24, GGG-C-111	2	Oct 97	GFE	Onboard
0297	M10 (T23) Barrel Erosion Gauge Adapter Kit, 7249506	2	Oct 97	GFE	Onboard
0298	Common Rack T/S & L, 3260AS100-1	6	Oct 97	GFE	Onboard
0299	Adapter, Test, W21, 3260AS701-1	4	Oct 97	GFE	Onboard
0300	Adapter, Test, W24, 3260AS704-1	4	Oct 97	GFE	Onboard
0301	Adapter, Test, W25, 3260AS705-1	4	Oct 97	GFE	Onboard
0302	Adapter, Test, W26, 3260AS706-1	4	Oct 97	GFE	Onboard
0303	Adapter, Test, W27, 3260AS707-1	4	Oct 97	GFE	Onboard
0304	Adapter, Test, W28, 3260AS708-1	4	Oct 97	GFE	Onboard
0305	Adapter, Test, W31, 3260AS711-1	4	Oct 97	GFE	Onboard
0306	Adapter, Test, W32, 3260AS712-1	4	Oct 97	GFE	Onboard
0307	Adapter, Test, W33, 3260AS713-1	4	Oct 97	GFE	Onboard
0308	Adapter, Test, W34, 3260AS714-1	4	Oct 97	GFE	Onboard
0309	Adapter, Test, W38, 3260AS717-1	4	Oct 97	GFE	Onboard
0310	Adapter, Test, W39, 3260AS721-1	4	Oct 97	GFE	Onboard
0311	Adapter, Test, W47, 3260AS726-1	4	Oct 97	GFE	Onboard
0312	Adapter, Test, W47, 3260AS726-1	4	Oct 97	GFE	Onboard
0313	Adapter, Test, W48, 3260AS727-1	4	Oct 97	GFE	Onboard
0314	Adapter, Test, W49, 3260AS728-1	4	Oct 97	GFE	Onboard
0315	Tester, Bomb Rack, Load A/F48T-5, 1401AS100-1	1	Oct 97	GFE	Onboard
0316	Checking Fixture, Conveyor Ammunition, 1395AS1557	2	Oct 97	GFE	Onboard
0317	Go No-Go Gauge, 10480	2	Oct 97	GFE	Onboard
0318	Piston Retainer Socket Wrench, 74D750035-1001	2	Oct 97	GFE	Onboard
0319	Insert assembly, Element, 917AS702	4	Oct 97	GFE	Onboard

IV.A.2. TRAINING DEVICES

DEVICE: AIRAT, 543-174-0109
DESCRIPTION: Inert Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: CATM 119B Penguin, 650-174-0070
DESCRIPTION: Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: CATM 120B AMRRAM, 3819509-106
DESCRIPTION: Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: CATM 7 Sparrow, 917AS7046
DESCRIPTION: Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Pending	C-122-3111 (Track E-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: CATM-120/B AMRAAM, BWDF
DESCRIPTION: Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

IV.A.2. TRAINING DEVICES

DEVICE: DATM 84E-1
DESCRIPTION: Dummy Training Missile with Wings and Fins
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: DATM-7F Simulator, 917AS7046
DESCRIPTION: DATM-7F Simulator
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

IV.A.2. TRAINING DEVICES

DEVICE: DATM88A, 704AS221-1-2
DESCRIPTION: Dummy Guided Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: DGTR-18A Smokey SAM Trainer, H316
DESCRIPTION: SAM Trainer
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	DATE	SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

DEVICE: Dummy Guided Missile, DATM 9L-2, 639AS6566
DESCRIPTION: Dummy Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	DATE	SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

DEVICE: HELLFIRE Dummy Missile M-34, 2W59
DESCRIPTION: Dummy Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	DATE	SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

IV.A.2. TRAINING DEVICES

DEVICE: Maverick Dummy Guided Missile, 2w90
DESCRIPTION: Dummy Guided Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

IV.A.2. TRAINING DEVICES

DEVICE: MK4 MOD7 Walleye, 384AS100
DESCRIPTION: Inert Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.A.2. TRAINING DEVICES

DEVICE: TALD Decoy, 4W38
DESCRIPTION: Decoy
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
2	Oct 97	Oct 97	Onboard	C-646-3105 (Track M-646-7026)

IV.A.2. TRAINING DEVICES

DEVICE: TOW Missile, SK2142-TOW-001
DESCRIPTION: Dummy Training Missile
MANUFACTURER: NA
CONTRACT NUMBER: NA
TEE STATUS: NA

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track D-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Oct 97	Oct 97	Onboard	C-122-3111 (Track E-646-7007)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 99	Jul 99	Pending	C-122-3111 (Track E-646-7007)

IV.B. COURSEWARE REQUIREMENTS

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET

LOCATION, UIC: Mayport, 39470

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
16 MM Projector, 4A1B	1	Oct 97	Onboard
Screen Projector, 4H1A	1	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Transparencies (99 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (5)	5	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET

LOCATION, UIC: Norfolk, 66046

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
16 MM Projector, 4A1B	1	Oct 97	Onboard
Screen Projector, 4H1A	1	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Transparencies (99 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (5)	5	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET

LOCATION, UIC: North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
16 MM Projector, 4A1B	1	Oct 97	Onboard
Screen Projector, 4H1A	1	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Transparencies (99 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (5)	5	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET

LOCATION, UIC: Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
16 MM Projector, 4A1B	1	Jul 99	Onboard
Screen Projector, 4H1A	1	Jul 99	Onboard
Still Picture, Overhead, 1BC7	1	Jul 99	Onboard
Transparencies (99 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Jul 99	Onboard
Video Monitor Receiver, 4D10C	1	Jul 99	Onboard
Video Tapes (5)	5	Oct 97	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC: MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Projector, Overhead, 4A8D	6	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET

LOCATION, UIC: Mayport, 39470

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AW-820CE-MIB-010 Intermediate Maintenance Instructions, with Illustrated Parts Breakdown (IPB), Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile	Hard copy	8	Oct 97	Onboard
AW-820HN-MIB-000 Organizational Fleet Maintenance, with IPB, Harpoon/Slam Missile Air Launch Configurations	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Technical Manual, Organizational and Intermediate Maintenance, Fleet Hellfire Surface Attack Guided Missile AGM-114B, Guided Missile AGM-114K, Training	Hard copy	8	Oct 97	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGB-2.2 Description, Assembly, Checkout, Maintenance and Handling Instructions with IPB, Fleet Intermediate Maintenance Guided Weapon (WALLEYE II)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-265GMAD-9-3.12 Sparrow III Guided Missile AIM-7/RIM-7 All Modes, Volume XII Fleet/NAS/FMF AUR Receiving and Processing AIM/RIM-7E/H/M Series and AIM-7F Maintenance	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/B37U-1 Organizational/Intermediate (Fleet) Maintenance Instructions, Tactical Air Launched Decoy (TALD) A/B37U-1(V)1 and A/B37U-1(V)2	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/RGM84A-2-3.1 Intermediate (Afloat/Ashore) Maintenance, Missile Sentencing Instructions for Harpoon/SLAM Missile air Launch Configurations	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 01-AGM-122-2 Organizational and Intermediate Maintenance with IPB (Fleet), Guided Missiles and Training Missile AGM-122A and CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120-2 Technical Manual, Fleet Intermediate Maintenance Instructions with IPB, Aerial Intercept Guided Missile AIM-120 and CATM-120	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 010AGM84A-2-1 Intermediate (Fleet) Maintenance with IPB, Harpoon Missile Configurations, Surface Attack Air Launch Missile ATM-84A	Hard copy	8	Oct 97	Onboard
NAVAIR 01AIM54-2-3 CV/NAS, Intermediate Missile Handling and Maintenance Instructions, Phoenix Guided Missile, AIM-54A/C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-23 Guided Missile, AIM-9 Sidewinder Ship Weapons Installation Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Technical Manual, Armament Weapons Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75BGM-71-1 Technical Manual, Naval Weapons Station Inspection, Maintenance, and Packaging Procedures, Guided Missile Surface Attack BGM-71A/-71A-1 and Dummy Miss	Hard copy	8	Oct 97	Onboard
NAVAIR 19-100-1.1 Approved Handling Equipment for Weapons and Explosives (Adapters through Jigs)	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25D-20 Operation, Service, and Maintenance Instructions with IPB, Intermediate, Air-Nitrogen Purifier MK 1 MOD 0 and MK 2 MOD 0	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVSEA OP 3347
United States Navy Ordnance Safety Precautions

Hard copy 8 Oct 97 Onboard

OPNAVINST 8600.2 Series
Naval Airborne Weapons Maintenance Program (NAWMP)

Hard copy 8 Oct 97 Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track D-646-7007)

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET

LOCATION, UIC : Norfolk, 66046

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AW-820CE-MIB-010 Intermediate Maintenance Instructions, with Illustrated Parts Breakdown (IPB), Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile	Hard copy	8	Oct 97	Onboard
AW-820HN-MIB-000 Organizational Fleet Maintenance, with IPB, Harpoon/Slam Missile Air Launch Configurations	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Technical Manual, Organizational and Intermediate Maintenance, Fleet Hellfire Surface Attack Guided Missile AGM-114B, Guided Missile AGM-114K, Training	Hard copy	8	Oct 97	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGB-2.2 Description, Assembly, Checkout, Maintenance and Handling Instructions with IPB, Fleet Intermediate Maintenance Guided Weapon (WALLEYE II)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-265GMAD-9-3.12 Sparrow III Guided Missile AIM-7/RIM-7 All Modes, Volume XII Fleet/NAS/FMF AUR Receiving and Processing AIM/RIM-7E/H/M Series and AIM-7F Maintenance	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 01-A/B37U-1 Organizational/Intermediate (Fleet) Maintenance Instructions, Tactical Air Launched Decoy (TALD) A/B37U-1(V)1 and A/B37U-1(V)2	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/RGM84A-2-3.1 Intermediate (Afloat/Ashore) Maintenance, Missile Sentencing Instructions for Harpoon/SLAM Missile air Launch Configurations	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM-122-2 Organizational and Intermediate Maintenance with IPB (Fleet), Guided Missiles and Training Missile AGM-122A and CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120-2 Technical Manual, Fleet Intermediate Maintenance Instructions with IPB, Aerial Intercept Guided Missile AIM-120 and CATM-120	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 010AGM84A-2-1 Intermediate (Fleet) Maintenance with IPB, Harpoon Missile Configurations, Surface Attack Air Launch Missile ATM-84A	Hard copy	8	Oct 97	Onboard
NAVAIR 01AIM54-2-3 CV/NAS, Intermediate Missile Handling and Maintenance Instructions, Phoenix Guided Missile, AIM-54A/C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-23 Guided Missile, AIM-9 Sidewinder Ship Weapons Installation Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Technical Manual, Armament Weapons Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-75BGM-71-1 Technical Manual, Naval Weapons Station Inspection, Maintenance, and Packaging Procedures, Guided Missile Surface Attack BGM-71A/-71A-1 and Dummy Miss	Hard copy	8	Oct 97	Onboard
NAVAIR 19-100-1.1 Approved Handling Equipment for Weapons and Explosives (Adapters through Jigs)	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25D-20 Operation, Service, and Maintenance Instructions with IPB, Intermediate, Air-Nitrogen Purifier MK 1 MOD 0 and MK 2 MOD 0	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC : North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AW-820CE-MIB-010 Intermediate Maintenance Instructions, with Illustrated Parts Breakdown (IPB), Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile	Hard copy	8	Oct 97	Onboard
AW-820HN-MIB-000 Organizational Fleet Maintenance, with IPB, Harpoon/Slam Missile Air Launch Configurations	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Technical Manual, Organizational and Intermediate Maintenance, Fleet Hellfire Surface Attack Guided Missile AGM-114B, Guided Missile AGM-114K, Training	Hard copy	8	Oct 97	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGB-2.2 Description, Assembly, Checkout, Maintenance and Handling Instructions with IPB, Fleet Intermediate Maintenance Guided Weapon (WALLEYE II)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-265GMAD-9-3.12 Sparrow III Guided Missile AIM-7/RIM-7 All Modes, Volume XII Fleet/NAS/FMF AUR Receiving and Processing AIM/RIM-7E/H/M Series and AIM-7F Maintenance	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/B37U-1 Organizational/Intermediate (Fleet) Maintenance Instructions, Tactical Air Launched Decoy (TALD) A/B37U-1(V)1 and A/B37U-1(V)2	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/RGM84A-2-3.1 Intermediate (Afloat/Ashore) Maintenance, Missile Sentencing Instructions for Harpoon/SLAM Missile air Launch Configurations	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM-122-2 Organizational and Intermediate Maintenance with IPB (Fleet), Guided Missiles and Training Missile AGM-122A and CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120-2 Technical Manual, Fleet Intermediate Maintenance Instructions with IPB, Aerial Intercept Guided Missile AIM-120 and CATM-120	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 010AGM84A-2-1 Intermediate (Fleet) Maintenance with IPB, Harpoon Missile Configurations, Surface Attack Air Launch Missile ATM-84A	Hard copy	8	Oct 97	Onboard
NAVAIR 01AIM54-2-3 CV/NAS, Intermediate Missile Handling and Maintenance Instructions, Phoenix Guided Missile, AIM-54A/C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-120-23 Guided Missile, AIM-9 Sidewinder Ship Weapons Installation Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Technical Manual, Armament Weapons Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75BGM-71-1 Technical Manual, Naval Weapons Station Inspection, Maintenance, and Packaging Procedures, Guided Missile Surface Attack BGM-71A/-71A-1 and Dummy Miss	Hard copy	8	Oct 97	Onboard
NAVAIR 19-100-1.1 Approved Handling Equipment for Weapons and Explosives (Adapters through Jigs)	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25D-20 Operation, Service, and Maintenance Instructions with IPB, Intermediate, Air-Nitrogen Purifier MK 1 MOD 0 and MK 2 MOD 0	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance (Track E-646-7007)

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET

LOCATION, UIC : Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AW-820CE-MIB-010 Intermediate Maintenance Instructions, with Illustrated Parts Breakdown (IPB), Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile	Hard copy	8	Oct 97	Onboard
AW-820HN-MIB-000 Organizational Fleet Maintenance, with IPB, Harpoon/Slam Missile Air Launch Configurations	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

AW-820YB-MIB-000 Technical Manual, Organizational and Intermediate Maintenance, Fleet Hellfire Surface Attack Guided Missile AGM-114B, Guided Missile AGM-114K, Training	Hard copy	8	Oct 97	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGB-2.2 Description, Assembly, Checkout, Maintenance and Handling Instructions with IPB, Fleet Intermediate Maintenance Guided Weapon (WALLEYE II)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-265GMAD-9-3.12 Sparrow III Guided Missile AIM-7/RIM-7 All Modes, Volume XII Fleet/NAS/FMF AUR Receiving and Processing AIM/RIM-7E/H/M Series and AIM-7F Maintenance	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/B37U-1 Organizational/Intermediate (Fleet) Maintenance Instructions, Tactical Air Launched Decoy (TALD) A/B37U-1(V)1 and A/B37U-1(V)2	Hard copy	8	Oct 97	Onboard
NAVAIR 01-A/RGM84A-2-3.1 Intermediate (Afloat/Ashore) Maintenance, Missile Sentencing Instructions for Harpoon/SLAM Missile air Launch Configurations	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM-122-2 Organizational and Intermediate Maintenance with IPB (Fleet), Guided Missiles and Training Missile AGM-122A and CATM-122A	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120-2 Technical Manual, Fleet Intermediate Maintenance Instructions with IPB, Aerial Intercept Guided Missile AIM-120 and CATM-120	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missiles	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 010AGM84A-2-1 Intermediate (Fleet) Maintenance with IPB, Harpoon Missile Configurations, Surface Attack Air Launch Missile ATM-84A	Hard copy	8	Oct 97	Onboard
NAVAIR 01AIM54-2-3 CV/NAS, Intermediate Missile Handling and Maintenance Instructions, Phoenix Guided Missile, AIM-54A/C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-23 Guided Missile, AIM-9 Sidewinder Ship Weapons Installation Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Technical Manual, Armament Weapons Support Equipment Configuration Manual, Organizational and Intermediate Maintenance Activities	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75BGM-71-1 Technical Manual, Naval Weapons Station Inspection, Maintenance, and Packaging Procedures, Guided Missile Surface Attack BGM-71A/-71A-1 and Dummy Miss	Hard copy	8	Oct 97	Onboard
NAVAIR 19-100-1.1 Approved Handling Equipment for Weapons and Explosives (Adapters through Jigs)	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25D-20 Operation, Service, and Maintenance Instructions with IPB, Intermediate, Air-Nitrogen Purifier MK 1 MOD 0 and MK 2 MOD 0	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)

TRAINING ACTIVITY: VMAT 203 FREST

LOCATION, UIC : MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-AV8BB-WUC-800 AV-8B Aircraft Work Unit Code Manual	Hard copy	8	Oct 97	Onboard
AG-000A0-MEB-000 Expeditionary Airfield Tactical Weapons Support Equipment	Hard copy	8	Oct 97	Onboard
AW-380VB-MIB-000 Organizational and Intermediate Maintenance Instruction with IPB, Description and Principles of Operation, Aircraft Bomb Ejector Rack BRU-36/A	Hard copy	8	Oct 97	Onboard
AW-381VB-MIB-000 Intermediate Maintenance with IPB, 25 MM Aircraft Gun System A/A49E-10	Hard copy	8	Oct 97	Onboard
AW-381VB-MIB-100 Intermediate Maintenance with IPB, GAU-12/U 25 mm Automatic Gun	Hard copy	8	Oct 97	Onboard
AW-381VB-MIB-200 Intermediate Maintenance with IPB, 25MM Ammunition Handling Subsystem GFK-11/A49E-10	Hard copy	8	Oct 97	Onboard
AW-382AC-750-000 Intermediate Maintenance with IPB, Ejector Rack Assembly BRU-32/A and BRU/32A/A	Hard copy	8	Oct 97	Onboard
AW-382AC-750-010 Intermediate Maintenance with IPB, Vertical Ejector Rack Assembly BRU-33/A and BRU-33A/A	Hard copy	8	Oct 97	Onboard
AW-386AC-750-000 Intermediate Maintenance with IPB, Aircraft Fuselage Centerline Pylon	Hard copy	8	Oct 97	Onboard
AW-386AC-750-030 Intermediate and Depot Maintenance with IPB, Aircraft Wing Pylon SUU-63/A and SUU-63A/A	Hard copy	8	Oct 97	Onboard
AW-38AC-750-000 Intermediate Maintenance with IPB for 20MM Double Ended Linkless Gun System	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

AW-394AC-750-000 Intermediate and Depot Maintenance with IPB, Aircraft Guided Missile Launcher LAU-115A, LAU-115A/A, LAU-115B/A, LAU-115C/A	Hard copy	8	Oct 97	Onboard
AW-394AC-750-010 Intermediate and Depot Maintenance with IPB, Aircraft Guided Missile Launcher LAU-116/A and LAU-116A/A	Hard copy	8	Oct 97	Onboard
AW-394YB-MIB-000 Intermediate Maintenance with IPB, for Aircraft Guided Missile Launcher M272	Hard copy	8	Oct 97	Onboard
AW-820CE Intermediate Maintenance Instructions with IIPB, Maverick Laser Guided Missile AGM-65E, Maverick Infrared Guided Missile AGM-65F	Hard copy	8	Oct 97	Onboard
AW-820YB-MIB-000 Hellfire Surface Attack Guided Missile AGM-114B Training Guided Missile M-36, Dummy Guided Missile M-34	Hard copy	8	Oct 97	Onboard
CNETINST 1500-20 Series Safety Procedures for Conducting Training	Hard copy	8	Oct 97	Onboard
MCO 8023.3 Handling, Qualification and Certification Program for Class V Munitions and Explosives	Hard copy	8	Oct 97	Onboard
MCO P1200.7 Military Occupational Specialties Manual (MOS Manual)	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-100 Naval Air Systems command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NAVAIR 00-25-300 Naval Air Systems Command Technical Directives System	Hard copy	8	Oct 97	Onboard
NAVAIR 00-80T-103 NATOPS Conventional Weapons Handling Procedures (Ashore)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-15MGD-1 Laser Guided Bombs MK 82, MK83, and MK 84 with Guidance Charts	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AGM122A-2 Guided Missile AGM-122A and Captive Carry Missile CATM-122A	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 01-AGM88A-2 HARM Guided Missile Tactical (AGM-88A, AGM-88B) Captive Air Training Missile (CATM-88A, CATM-88B) Dummy Air Training Missile (DATM-88A)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM120A-2 Fleet Intermediate Maintenance Instructions with IPB, AMRAAM AIM-120A and Captive Air Training Missile (CATM)	Hard copy	8	Oct 97	Onboard
NAVAIR 01-AIM9L/M-2.1 Sidewinder Guided Missile AIM-9L/M and Training Missiles	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1-119 Ammunition for Navy 20MM/25MM Aircraft Guns Description, Characteristics, Safety, Maintenance, and Packaging	Hard copy	8	Oct 97	Onboard
NAVAIR 11-100-1.1 General Use Cartridges, Cartridge Activated Devices for Aircraft and Unique Aircraft Systems (CADs)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-100-1.3 Cartridges and Cartridge Actuated Devices for Bomb Racks/Launchers, Bomb Dummy Units, and Airborne Missile systems (CADs)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-40 Guided Missile AIM-7D/E/F Sparrow	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-55 CBU-78A/B Cluster Bomb Unit (Gator)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-120-59 LUU-2B Aircraft Parachute Flare and SUU-25F/A Flare Dispenser	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-24 Airborne Weapons Support Equipment Description and Characteristics	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-25 Armament Weapons Support Equipment Configuration Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-5 MK 80 Series Bombs	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-5-1 Checklist Bombs, Bomb Fins/Fuzes/Associated Components and Practice Bombs	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-140-6.1 Airborne Weapons Assembly Manual, Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate maintenance Activities	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-6.2.-2 Airborne Weapons Assembly Checklist AGM-65 Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-6.3 Airborne Weapons Assembly Manual Volume III	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-8 Firebombs	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-9 Cluster Bomb Units	Hard copy	8	Oct 97	Onboard
NAVAIR 11-140-9-3 CBU-78 Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-1F-2 Airborne Bomb and Rocket Fuzes Descriptions and Characteristics Manual	Hard copy	8	Oct 97	Onboard
NAVAIR 11-45BB-9 Intermediate Maintenance with IPB, 20 MM Point and Suppressive Fire System A/A49-E-7(V4)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5-603 Organizational, Intermediate, and Depot Maintenance Instruction Manual with IPB, Improved Multiple Ejector Rack (IMER), Improved Triple Ejector Rack	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5A-17 General Purpose Bombs and Associated Components, Description, Safety, Service, and Handling	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5A-36 Intermediate Maintenance Instruction with IPB, Hard Target Penetrator Laser-Guided Bomb GBU-24B/B	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5D-20 Organizational, Intermediate, and Depot Maintenance with IPB, Ejector Rack Assembly Model AERO-7A-5	Hard copy	8	Oct 97	Onboard
NAVAIR 11-5E-19 Organizational, Intermediate, and Depot Maintenance with IPB, Rack, Aircraft Store Ejector Tally	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-75-63 Operational Organizational and Intermediate Maintenance Instructions With IPB, Smokey Sam Simulator/Anti-aircraft, Artillery Visual Cueing System	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-514 Organizational and Intermediate Maintenance with IPB, Aircraft Guided Missile Launcher LAU-127A/A	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-54 Organizational, Intermediate, and Depot Maintenance with IPB, Aircraft Guided Missile Launcher LAU-7A Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-59 Intermediate Maintenance with IPB, Missile Launcher Adapter ADU-299/E - ADU-299A/A	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-61 2.75 Inch Airborne Rocket Launchers (LAU-61A/A, LAU-61B/A, LAU-61C/A, LAU-68B/A, and LAU-68D/A)	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-73 Organizational, Intermediate, and Depot Maintenance with IPB, Aircraft Bomb Ejector Rack BRU Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-78 Intermediate Maintenance with IPB, Aircraft Guided Missile Launcher LAU-118 Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-79 Intermediate Maintenance with IPB, Aircraft Guided Missile Launcher LAU-117 Series	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75A-90 Organizational and Intermediate Maintenance with IPB, TOW Missile Launcher	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75AA-48 Dispenser SUU-25F/A	Hard copy	8	Oct 97	Onboard
NAVAIR 11-75AA-48 Guided Missile Surface Attack BGM-71A/71A1 and Dummy Missile BTM-71C	Hard copy	8	Oct 97	Onboard
NAVAIR 11-85-1 Aircrew Escape Propulsion Systems (AEPS) Devices	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 11-85-5 Airborne Rockets Description, Safety, Service, and Handling Instructions	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95-13 Organizational and Intermediate Maintenance with IPB, Aircraft Machine Gun Caliber .50 XM218	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95GAU2B-1 Organizational and Intermediate Maintenance with IPB, GAU-2B/A 7.62mm Aircraft Machine Gun	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M197-1 Maintenance Instruction with IPB, Organizational and Depot Levels, M197 20MM Automatic Gun	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M240D1-1 Organizational Maintenance with IPB, 7.62MM Aircraft Machine Gun M240D	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M61A1-1 Maintenance Instructions with IPB Intermediate Level M61A1 20MM Automatic Gun	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M61A2-1 Maintenance Instructions Manual with IPB Intermediate Maintenance Level M61A2 20MM Lightweight Automatic Gun	Hard copy	8	Oct 97	Onboard
NAVAIR 11-95M89-1 Maintenance Instructions with IPB, Organizational Level, M89 Declutching Feeder	Hard copy	8	Oct 97	Onboard
NAVAIR 16-30ALE29-3 Countermeasures Chaff Dispensing Set AN/ALE-29A	Hard copy	8	Oct 97	Onboard
NAVAIR 17-1-108 Torque Tools, Use, Care, and Testing Instructions	Hard copy	8	Oct 97	Onboard
NAVAIR 19-1-269 Intermediate Operation and Maintenance Instructions with IPB, Linkless Ammunition Loading System A/E32K-7	Hard copy	8	Oct 97	Onboard
NAVAIR 19-1-86 Expeditionary Airfield (EAF) Weapon Ready Service Shelter and Handling System A/E-99K-1	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVAIR 19-100-3 Operation and Intermediate Maintenance with IPB, Weapons Support Equipment	Hard copy	8	Oct 97	Onboard
NAVAIR 19-15-37 Operation and Intermediate Maintenance Munitions Assembly Conveyor	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25E-43 Rough Terrain Trailers A/M32K-4, -4A	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25E-52 Armament Maintenance Trailer, A/M32U-13	Hard copy	8	Oct 97	Onboard
NAVAIR 19-25E-63 Munitions Trailer, MHU-151/M	Hard copy	8	Oct 97	Onboard
NAVSEA OP 1014 Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3565 Volume II Electromagnetic Radiation Hazards (to Ordnance)	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume I Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, and Shipping	Hard copy	8	Oct 97	Onboard
NAVSUP PUB 409 MILSTRIP/MILSTRAP Desk Guide	Hard copy	8	Oct 97	Onboard
NAVSUP PUB 437 MILSTRIP/MILSTRAP Military Standard & Requisition and Issue Procedures	Hard copy	8	Oct 97	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 5530.13 Department of the Navy Physical Security Instruction for Conventional Arms, Ammunition, and Explosives (AA&E)	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Naval Airborne Weapons Maintenance Program	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

SW050-AB-MMA-010 Pyrotechnic, Screening, Marking, and Countermeasures Devices	Hard copy	8	Oct 97	Onboard
TN 08670B-10/A Operators Manual Machine Gun 7.62 MM M240G	Hard copy	8	Oct 97	Onboard
TW010-AA-ORD-010 Ammunition Stock List	Hard copy	8	Oct 97	Onboard
TW010-AA-ORD-020 Navy Ammunition Supply Data	Hard copy	8	Oct 97	Onboard
TW010-AA-ORD-030 Navy Ammunition Logistic Code	Hard copy	8	Oct 97	Onboard
TWO-24-AA-ORD-010 Ammunition Unserviceable, Suspended, and Limited Use	Hard copy	8	Oct 97	Onboard

PART V - MPT MILESTONES

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

PART VI - ACTION ITEMS / ACTION REQUIRED

ACTION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
Training Equipment Shortfalls for C-646-3105. See note below.	PMA205/NAMTRAGRU		Open

Note: As noted by NAMTRAGRU DET Cherry Point, North Carolina the following list of significant equipment reflects shortages for course C-646-3105, as of April 1999:

NOMENCLATURE	ESL
LAU-116	4
LAU-117	1
LAU-118	4
LAU-127	4
SUU-62	2
SUU-63	2
BRU-20	2
BRU-21	2
BRU-22	1
BRU-23	1
BRU-32	2
BRU-36	4
BRU-42	4
Aircraft Store Ejector Rack	3
TML	2

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
CAPT James Woolway Head, Plans, Policy, and Fleet Maintenance Support CNO, N881B Woolway.james@hq.navy.mil	COMM: (703) 604-7747 DSN: 664-7747 FAX: (703) 604-6994
CAPT Thomas Vandenberg Head, Aviation Technical Training Branch CNO, N889H vandenberg.thomas@hq.navy.mil	COMM: (703) 604-7730 DSN: 664-7730 FAX: (703) 604-6969
AZC Scott Dean NTSP Manager CNO, N889H7 dean.scott@hq.navy.mil	COMM: (703) 604-7714 DSN: 664-7714 FAX: (703) 604-6939
LCDR Brian Mack Aviation Manpower CNO, N122C1 N122c1@persnet.navy.mil	COMM: (703) 695-3247 DSN: 225-3247 FAX: (703) 614-5308
Mr. Robert Zweibel Training Technology Policy CNO, N75B zweibel.robert@hq.navy.mil	COMM: (703) 614-1344 DSN: 224-1344 FAX: (703) 695-5698
LTCOL Angela Clingman Branch Head, USMC Aviation Maintenance CMC, ASL-33 clingmanab@hq.usmc.mil	COMM: (703) 614-1835 DSN: 224-1835 FAX: (703) 697-7343
COL Dennis Bartels Branch Head, USMC Aviation Manpower Management CMC, ASM-1 bartelsd@hqmc.usmc.mil	COMM: (703) 614-1244 DSN: 224-1244 FAX: (703) 614-1309
MAJ Terrance L. Burns Aviation Personnel (Enlisted) CMC, MMEA-84A terrance_l_burns/MM/MANPOWER@manpower.usmc.mil	COMM: (703) 784-9257 DSN: 278-9257 FAX: (703) 784-9845
CAPT Robert Russell Program Manager NAVAIRSYSCOM, PMA242 russellrw@navair.navy.mil	COMM: (301) 757-7422 DSN: 757-7422 FAX: (301) 757-7418
Mr. Pete Reeve Assistant Deputy Program Manager NAVAIRSYSCOM, PMA242 reevep@navair.navy.mil	COMM: (301) 757-7410 DSN: 757-7410 FAX: (301) 757-7418

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL**TELEPHONE NUMBERS****Mr. Bill Laray**

Air to Ground Weapons APMTS
NAVAIRSYSCOM, PMA205-3H
larawr@navair.navy.mil

COMM: (301) 757-8109
DSN: 757-8109
FAX: (301) 757-6945

AOCS Clayton Smeal

Assistant Program Manager, Logistics
NAVAIRSYSCOM, PMA205-3H1
smealcc@navair.navy.mil

COMM: (301) 757-8100
DSN: 757-8100
FAX: (301) 757-8079

LCDR Edwards L. Kules

Training
CINCLANTFLT, N-721
kulesel@clf.navy.mil

COMM: (757) 836-6809
DSN: 836-6809
FAX: (757) 836-0140

LT Cliff Lenphier

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

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

LCDR Johnny King

Weapons Officer
COMNAVAIRRESFOR, N3W
kingjc@cnrf.nola.navy.mil

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

CAPT Robert Gibson

Deputy Assistant, Chief of Military Personnel for Distribution
NAVPERS, PERS-40
p4b@persnet.navy.mil

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

CDR Timothy Ferree

Branch Head, Aviation Enlisted Assignments
NAVPERSCOM, PERS-404
p404@persnet.navy.mil

COMM: (901) 874-3691
DSN: 882-3691
FAX: (901) 874-2642

MAJ Steven M. Pace

Training Student Analyst
MCCDC, C461A
pacem@tediv.usmc.mil

COMM: (703) 784-3043
DSN: 278-3043
FAX: (703) 784-2334

COL J. Bruce Hulick

Branch Head, Training Program Branch
MCCDC, C462
hulickjb@tediv.usmc.mil

COMM: (703) 784-3701
DSN: 278-3701
FAX: (703) 784-3729

MAJ Jon H. Doering

ACE Branch Head, Total Force Structure Division
MCCDC, C5325C
doeringjg@mccdc.usmc.mil

COMM: (703) 784-5736
DSN: 278-5736
FAX: (703) 784-6072

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
GYSGT Robert C. Werts Total Force Structure Division MCCDC, C5325F wertsr@ccdc.usmc.mil	COMM: (703) 784-6275 DSN: 278-6275 FAX: (703) 784-6072
LCDR George Bortch Ship's Weapons Installation Manager COMNAVAIRLANT, N85A dortchge@exchange.airlant.navy	COMM: (757) 444-7481 DSN: 564-7481 FAX: (757) 444-7483
Mr. Oscar Robinson Ship's Weapons Installation Manager COMNAVAIRLANT. N85A robinsonoj@exchange.airlant.navy	COMM: (757) 444-7481 DSN: 564-7481 FAX: (757) 444-7483
CDR Ron Martin Aviation Technical Training CNET, T251 Cdr_ron_martin@smtp.cnet.navy.mil	COMM: (904) 452-4915 DSN: 922-4915 FAX: (904) 452-4901
AOCS William Harrison Air Launched Weapons Technical Coordinator NAMTRAGRU HQ, N2412 harrisonwilliamc@smtp.cnet.navy.mil	COMM: (904) 452-9708 ext. 252 DSN: 922-9708 FAX: (904) 452-9769
CAPT Brad Goetsch Pilot/NFO Training NAVSTKAIRWARCEN, N5 Goetschb@fttr.navy.mil	COMM: (702) 426-3817 DSN: 890-3817 FAX: (702) 426-3856
LCDR Brian Flachsbart HARM Project Manager/Weapon Support Team Lead NAWCWPNS, China Lake Flachsbartb@navair.navy.mil	COMM: (760) 939-0428 DSN: 437-0428 FAX:
LT Darin Nielson Operations Test Director VX-9, China Lake nielsond@vx9.chinalake.navy.mil	COMM: (760) 939-4901 DSN: 469-4901 FAX:
Mr. Ken Claunch Fleet Support Manager NAWCWPNS, China Lake 341000D claunchke@navair.navy.mil	COMM: (760) 939-4080 DSN: 437-4080 FAX:
BTCM Gary Cagle Training Aids Acquisition NAVSCOLEOD, N-42	COMM: (850) 882-8040 DSN: 872-8040 FAX: (850) 882-9519

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL**TELEPHONE NUMBERS**

Mr. D. Simmons
Training Specialist
MPM School, 860W
860w@wpntrng.ih.navy.mil

COMM: (301) 743-4741
DSN: 364-4741
FAX: (301) 743-6371

Mr. Phil Szczyglowski
Competency Manager
NAVAIRSYSCOM, AIR 3.4.1.1
szczyglowspr@navair.navy.mil

COMM: (301) 757-9182
DSN: 757-9182
FAX: (301) 342-4723

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL

TELEPHONE NUMBERS

AMCS Greg P. Johnson

NTSP Coordinator
NAVAIRSYSCOM, AIR 3.4.1.1
johnsongp@navair.navy.mil

COMM: (301) 757-9188

DSN: 757-9188

FAX: (301) 342-4723

AE1 Richard Axtell

MPT Analyst (NTSP Author)
NAVAIRSYSCOM, AIR 3.4.1.1
axtellra@navair.navy.mil

COMM: (301) 757-9187

DSN: 757-9187

FAX: (301) 342-4723