

NAVY TRAINING SYSTEM PLAN
FOR THE
AIM-9M
SIDEWINDER MISSILE SYSTEM
(FOR MODELS THROUGH AIM-9M-10)

N88-NTSP-A-50-8105C/D

JULY 2001

AIM-9X SIDEWINDER MISSILE SYSTEM

EXECUTIVE SUMMARY

This Navy Training System Plan (NTSP) has been developed in accordance with Office of the Chief of Naval Operations Instruction (OPNAVINST) 1500.76 to identify the life-cycle manpower, personnel, and training requirements associated with the AIM-9M Sidewinder Missile.

The AIM-9 series Sidewinder Missile is a short-range, air-to-air missile whose mission is to detect, home-in, intercept, and destroy enemy aircraft. The AIM-9L missile evolved because of a combined Navy and Air Force effort to develop an air-to-air missile with a greater tracking rate and tighter turn capability than earlier series missiles. The missile featured an improved target detector that enhanced its effectiveness in short-range combat scenarios.

The AIM-9M missile evolution was driven by the AIM-9L Product Improvement Program (PIP) and developed into full-scale development, test, and evaluation program during FY78/79. The first AIM-9M variant, the AIM-9M-1, was fielded in FY 82. The Guidance Control Section (GCS) is the only component unique to the AIM-9M, which, prior to the AIM-9M-8, has three Navy variants: AIM-9M-1 or AIM-9M-3 (both use the same GCS), AIM-9M-4, and AIM-9M-6. The AIM-9M-8 contains the latest GCS variant that improves Navy warfighting capability over earlier AIM-9M variants to counter infrared (IR) countermeasures (CM) from aerial threats. The first AIM-9M-8 was fielded in FY 95. The AIM-9M-10 is a limited retrofit to the current AIM-9M-8 inventory to support the F/A-18E/F aircraft. It differs from previous versions by the replacement of wings and forward hanger.

The AIM-9M-8 upgrade affected only the AIM-9M GCS through the replacement of five circuit cards and the associated parent board. The AIM-9M-10 modification replaced wings and forward hanger. The new wings resist delaminating and the new forward hanger resists wear better than previous versions. Based on the nature of these changes, there was no impact to organizational or intermediate level maintenance with regard to manpower level or personnel skills. Intermediate level maintenance training was affected by a new tap test for wing delamination. Aircrew and operators are not impacted with regard to manpower level or personnel skills, but aircrew training was impacted by the additional missile status tones introduced in the AIM-9M-8. The Naval Air Warfare Center, Weapons Division (NAWCWD) China Lake, developed a familiarization video to introduce the new capability to squadrons, and PMA205 and TOPGUN developed Interactive Courseware (ICW) to support missile status tone training.

Existing skills are adequate to operate and maintain the AIM-9M-8 and AIM-9M-10. No new billets are needed to support the AIM-9M-8 or AIM-9M-10.

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LIST OF ACRONYMS

AIMD	Aviation Intermediate Maintenance Department
AMRAAM	Advanced Medium Range Air to Air Missile
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
ASM	AMTCS – Software System
AT	Aviation Electronics Technician
AUR	All-Up-Round
BRAC	Base Realignment And Closure
BCM	Beyond the Capability of Maintenance
CAI	Computer Aided Instruction
CATM	Captive Air Training Missile
CBT	Computer Based Training
CCM	Counter-Countermeasures
CEST	Classroom EOD System Trainer
CMI	Computer Managed Instruction
CNO	Chief of Naval Operations
COAST	Common Organizational-level Armament System Tester
COTS	Commercial Off-The-Shelf
CRALTS	Common Racks And Launchers Test Set
CV	Aircraft Carrier
CVN	Aircraft Carrier, Nuclear
CWTPI	Conventional Weapons Technical Proficiency Inspection
DATM	Dummy Air Training Missile
DRP	Designated Repair Point
ECR	Electronic Classrooms
EOD	Explosive Ordnance Disposal
EODTEU	Explosive Ordnance Disposal Training and Evaluation Unit
ETJ	Electronic Training Jacket
ETS	Electronic and Technical Services
FMS	Foreign Military Sales
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Replacement Squadron
FTD	Fleet Training Devices

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LIST OF ACRONYMS

FWST	Fleet Weapons Support Team
FY	Fiscal Year
GCS	Guidance Control Section
GFE	Government Furnished Equipment
HSI	Human Systems Integration
ICW	Interactive Courseware
ILSP	Integrated Logistics Support Plan
IOC	Initial Operational Capability
IR	Infrared
IRCM	Infrared Countermeasures
JHMCS	Joint-service Helmet Mounted Cueing System
JPPSP	Joint Post Production Support Plan
LEMC	Letterkenny Munitions Center
LRC	Learning Resource Centers
MALS	Marine Aviation Logistics Squadron
MATMEP	Marine Aviation Training Management Evaluation Program
MAWTS	Marine Corps Air Weapons and Tactics Squadron
MCAF	Marine Corps Air Facility
MCAS	Marine Corps Air Station
MCO	Marine Corps Order
MDD	Maintenance Due Date
MFT	Mission Flight Trainer
MOS	Military Occupational Specialty
MPT	Manpower, Personnel, and Training
MTIP	Maintenance Training Improvement Program
MTL	Master Task List
MTU	Maintenance Training Unit
NALC IMSD	Naval Aviation Logistics Center Inventory Management and Systems Division
NAMTRAGRU	Naval Air Maintenance Training Group
NAMTRAGRUDET	Naval Air Maintenance Training Group Detachment
NAMTRAU	Naval Air Maintenance Training Unit
NAS	Naval Air Station

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LIST OF ACRONYMS

NATM	Special Test Air Training Missile
NAVAIRSYSCOM	Naval Air Systems Command
NAVSCOLEOD	Navy EOD School
NAVWPNSUPPCEN	Naval Weapons Support Center
NAWCWD	Naval Air Warfare Center Weapons Division
NAWMU	Naval Airborne Weapons Maintenance Unit
NCEA	Non-Combat Expenditure Allowance
NEC	Navy Enlisted Classification
NFO	Navy Flight Officer
NNOR	Non-Nuclear Ordnance Requirement
NOMMP	Naval Ordnance Maintenance Management Program
NSAWC	Naval Strike and Air Warfare Center
NSD	Navy Support Date
NSWC-IH	Naval Strike Warfare Center – Indian Head
NTP	Navy Training Plan
NTSP	Navy Training System Plan
NWS	Naval Weapons Station
OATMS	OPNAV Aviation Training Management System
OJT	On the Job Training
OPEVAL	Operational Evaluation
OPNAV	Operational Navy
OPNAVINST	Office of the Chief of Naval Operations Instruction
PDA	Principal Development Agency
PEST	Practical Explosive Ordnance Disposal System Trainer
PIP	Product Improvement Program
PMA	Program Manager, Air
QUAL/CERT	Qualification and Certification
RIO	Radar Intercept Operator
RSP	Render Safe Procedures
S-A	Safety-Arming
SEAM	Sidewinder Expanded Acquisition Mode
SELRES	Selected Reserves
SFTI	Strike Fighter Tactics Instructor

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LIST OF ACRONYMS

SFTP	Strike Fighter Training Program
SFTS	Strike Fighter Training System
SFWS	Strike Fighter Weapons School
SFWSL	Strike Fighter Weapons School, Atlantic
SFWSP	Strike Fighter Weapons School, Pacific
SFWT	Strike Fighter Weapons and Tactics
SIST	Serviceable-In-Service Time
STRKFTRWING	Strike Fighter Wing
SWATSLANT	Strike Weapons and Tactics School, Atlantic
TALD	Tactical Air Launched Decoy
TBD	To Be Determined
TD	Training Device
TEV	Test and Evaluation
TOFT	Tactical Operational Flight Trainer
TTE	Technical Training Equipment
TYAD	Tobyhanna Army Depot
TYCOM	Type Commander
USAF	United States Air Force
USMC	United States Marine Corps
USN	United States Navy
VMAT	Marine Attack Training Squadron
VMFAT	Marine Fighter Attack Training Squadron
WSO	Weapon and Sensor Operator
WST	Weapon Systems Trainer
WTT	Weapon Tactics Trainer

AIM-9X SIDEWINDER MISSILE SYSTEM

PREFACE

This Draft Navy Training System Plan (NTSP) for the AIM-9M Sidewinder Missile was developed to update the previous version of AIM-9 Sidewinder Missile System Navy Training Plan (NTP), A-50-8105B dated 30 January 1997. The NTSP identifies the lifecycle Manpower, Personnel, and Training (MPT) requirements associated with the AIM-9M Sidewinder Missile System. It complies with Office of the Chief of Naval Operations Instruction (OPNAVINST) 1500.76 and the guidelines set forth in the Navy Training Requirements Documentation Manual (NTRDM), P-751-1-9-97.

The major changes and updates to this NTSP consist of:

- PART I Updated to reflect progress made during the fielding and operation of the AIM-9M-8, transition of Guidance Control Section depot repair capability from Letterkenny Army Depot to Tobyhanna Army Depot, the impact of the AIM-9X program's GFE requirements on the AIM-9M inventory, and the limited introduction of the AIM-9M-10 for the F/A-18E/F community.
- PART II Recalculated to depict current billet requirements of fleet support units through Fiscal Year (FY) 05.
- PART III Updated by recalculating chargeable student billets through FY05.
- PART IV Updated to refine the training and training logistics support requirements.
- PART V Updated to reflect programmatic and technical schedule changes.
- PART VI Updated to include open action/watch items.
- PART VII Updated to reflect current Points of Contact.

PART I - TECHNICAL PROGRAM DATA

A. TITLE-NOMENCLATURE-PROGRAM.

- 1. **Title-Nomenclature-Acronym.** Sidewinder Missile System - AIM-9M - None.
- 2. **Program Element.** 64354N

B. SECURITY CLASSIFICATION.

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

C. NTSP PRINCIPALS.

- OPNAV Principal Official (OPO) Program Sponsor CNO (N78)
- OPO Resource Sponsor CNO (N780C7)
- Marine Corps Program Sponsor CMC (ASL-30)
- Developing Agency PEO (T) (PMA259)
- Training Agency CINCLANTFLT
CINCPACFLT
CNET
COMNAVAIRRESFOR
MAWTS-1
NSAWC
- Training Support Agency NAVAIRSYSCOM (PMA205)
COMNAVAIRRESFOR (N3W)
- Manpower and Personnel Mission Sponsor CNO (N12)
NAVPERSCOM (PERS-21, PERS-4, PERS-404)
- Director of Naval Training CNO (N7)
- Commander, Reserve Program ManagerCOMNAVAIRRESFOR (N3W)
- Marine Corps Total Force Structure MCCDC (C-5352)

D. SYSTEM DESCRIPTION.

1. Operational Uses. The AIM-9M series Sidewinder Missile is a short-range air-to-air missile. The missile is used to track, home in on, intercept, and destroy enemy aircraft. The AIM-9M can be launched from a number of Navy, Marine Corps and Air Force aircraft platforms. This NTSP will only address the AV-8, F-14, F/A-18 and AH-1 platforms.

The AIM-9M-8/9 upgrade retrofitted Sidewinder missiles from the AIM-9M-1 and AIM-9M-3 to the AIM-9M-8 configuration for the Navy and the AIM-9M-9 for the United States Air Force (USAF). For the purpose of this NTSP, only the AIM-9M-8 is addressed. The change incorporated electronics processing modifications to improve the tracking capabilities against modern infrared Countermeasures (IRCM).

The AIM-9M-10 upgrade retrofitted Sidewinder missiles from the AIM-9M-8 configuration to meet the requirements of the F/A-18E/F flight environment. Modifications included replacing the four fixed wings with wings that have improved resistance to delaminating and replacement of the forward hanger with a hanger that has improved resistance to wear.

2. Foreign Military Sales. The AIM-9 is approved for Foreign Military Sales (FMS) to various countries. For detailed FMS information, contact PMA259.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.

1. Developmental Test Not Completed. Not applicable (N/A).

2. Developmental Test Completed. Developmental testing for the AIM-9M-8 was conducted during third quarter FY91 through third quarter FY92 by Naval Air Warfare Center, Weapons Division (NAWCWD).

3. Operational Test Not Completed. N/A.

4. Operational Test Completed. Operational testing for the AIM-9M-8 began in the fourth quarter FY92 and was decertified in the first quarter of FY93. An operational test and readiness review was conducted in the second quarter of FY93, and operational testing resumed in the third quarter of FY93 and was completed in second quarter of FY94. The Operational assessment (OT-IIA) was conducted by VX-4. Operational evaluation (OT-IIB) was conducted by VX-5.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The AIM-9M-8 modification replaced circuit card assemblies in the electronics assembly of the guidance control section. AIM-9M-8 modifications were made to AIM-9M-1 and AIM-9M-3 missiles.

G. DESCRIPTION OF NEW DEVELOPMENT. The Sidewinder AIM-9M program is not a new development. Initial Operational Capability (IOC) was achieved in FY95. Both internal and external programs have impacted the program, however. Internally, the Guidance Control

Section (GCS) depot function moved from Letterkenny Munitions Center (LEMC) to Tobyhanna Army Depot (TYAD). Externally, the Sidewinder AIM-9X, the Joint-service Helmet Mounted Cueing System (JHMCS), and the F/A-18E/F Super Hornet programs include AIM-9M in various capacities. In the Sidewinder AIM-9X program, AIM-9M components are provided as Government Furnished Equipment (GFE) to be used/modified and built up with the AIM-9X guidance section to form the AIM-9X All-Up-Round (AUR) missile. The AIM-9X GFE requirement for its production line will begin to impact the AIM-9M inventory in FY04. The JHMCS program will provide another means to cue the AIM-9M to targets/threats and is anticipated to achieve IOC in FY03. The F/A-18E/F program will provide another aircraft platform to employ AIM-9M and is anticipated to achieve IOC in FY03.

1. Functional Description. The AIM-9M is a supersonic, air-to-air, guided missile that contains a passive Infrared (IR) homing target detector, proportional navigational guidance, and a torque-balance control system. The missile is propelled by a solid-propellant rocket motor. The AIM-9M is configured with an annular blast fragmentation warhead. Four wings provide aerodynamic lift and stability for the missile. Rollerons on each wing reduce the missile roll rate and wing flutter. Airframe maneuvering is accomplished by four fins mounted in line with and forward of the wings and is activated by the torque-balance servo system. The AIM-9 Sidewinder Missile is comprised of the following components:

a. Guidance Control Section (GCS). All AIM-9M GCS are comprised of three major assemblies; a seeker assembly for detecting and tracking the target; an electronics assembly for processing detected target information; and a servo assembly that transforms electrical tracking signals to mechanical movement of the fins. An umbilical cable assembly provides the electrical interface between the missile GCS and the aircraft launcher. The umbilical cable also allows the flow of coolant from the LAU-7 to the missile GCS. AIM-9M GCS versions include the WGU-4A/B used in the AIM-9M-1 and AIM-9M-3, the WGU-4C/B used in the AIM-9M-4, the WGU-4D/B used in the AIM-9M-6, and the WGU-4E/B GCS used in the AIM-9M-8 and the AIM-9M-10. The WGU-4E/B GCS uses advanced technology that has evolved through the WGU-4D/B development, while expanding the potential of the IRCM detection circuitry and improving the missile's capability with respect to tactical IRCM deployment. The current tactical missile inventory consists exclusively of AIM-9M-8, of which 1,000 will be retrofit to the AIM-9M-10 configuration for the F/A-18E/F community. A corresponding 325 CATM-9M-27 will be built-up to support F/A-18E/F aircrew training. Some WGU-4A/B and WGU-4D/B GCS are still used in training missile configurations for live fire exercises, and will eventually be depleted through the annual AIM-9M Non-Combat Expenditure Allowance (NCEA).

b. Target Detectors, DSU-15/B, DSU-15A/B, DSU-15B/B. These target detectors are narrow-beam, active optical-proximity fuze systems designed to detect the presence of a target and initiate warhead detonation. Major components within the target detectors are a transmitter that emits four narrow fan-shaped beams through four lenses, a laser receiver that detects reflected energy, signal-processing circuitry to initiate detonation, and a thermal battery to provide internal power after missile launch. All target detectors are interchangeable in the AIM-9M design; however, only the DSU-15B/B and DSU-15/B are compatible with the Special Test

Air Training Missile (NATM)-9M-2, NATM-9M-3, and NATM-9M-4 configurations, because they feature a communication tube that allows routing of the telemetry cable assembly.

c. Safety-Arming Device, MK 13 Mod 2. The Safety-Arming (S-A) device is designed to arm the Sidewinder Missile at a safe distance from the launch aircraft and to detonate the warhead upon command from the Target Detector or GCS via contact fuze. The major components of the S-A device are an interrupted explosive train, acceleration arming device and associated electrical switches. The S-A device has two windows: the forward window allows viewing of the launch latch to verify proper engagement, while the aft window allows viewing of the SAFE/ARM indicator.

d. Warhead, WDU-17/B. The warhead provides the destructive force of the missile. The warhead consists of a case assembly, two booster plates, high explosives, an initiator, and fragmentation rods. Exercise Warheads (smoke/flash), WDU-9A/B, are used in NATMs.

e. Rocket Motor, Mk 36 Mods 7/8/9/10/11/13. The rocket motor provides the propulsion for sustained flight of the missile. The rocket motors (Mk 36 Mod 7 through Mod 13) are solid propellant, high-thrust rocket motors that comprise the aft end of the AIM-9M. The Mk 36 Mod 13 rocket motor is used on the AIM-9M-10 configuration exclusively. It is a Mk 36 Mod 11 rocket motor retrofit with the new and improved forward hanger made with ALLVAC 13-8 wrought steel. A corresponding retrofit is made to the Mk 57 Mod 3 dummy/training rocket motor to create the Mk 57 Mod 4 dummy/training rocket motor, which supports the build-up of the AIM-9M-10 CATM (CATM-9M-27).

f. Wings, Mk 1 Mods 0/1/2/5. Four wings, attached to the aft end of the rocket motor, provide aerodynamic lift and stability for the missile during flight. Each wing has a rolleron assembly that is uncaged during free flight to provide roll (rate) stabilization. The Mk 1 Mod 5 is used on the AIM-9M-10 and CATM-9M-27 configurations exclusively. It is a Mk 1 Mod 2 wing retrofit with the new and improved cager assembly.

g. Fins, BSU-32/B. Four fins, attached to the GCS, provide a lift force on the forward airframe proportional to the input signal from the seeker, missile velocity, and altitude. The fins are electrically actuated and pneumatically controlled by a servo system in the aft portion of the GCS.

2. Physical Description. The physical and electrical characteristics of the Sidewinder missile are as follows:

Table I-1. AIM-9M Leading Particulars.

Length:	113.1 inches
Diameter:	5.0 inches
Wing Span:	25.2 inches
Weight:	188.2 pounds
Power Requirements (external):	115 VAC, 400 HZ and 28 VDC
Power Requirements (internal):	27 VDC Thermal Battery

3. New Development Introduction. The AIM-9M-8 missile was introduced into the Navy inventory through an AIM-9M retrofit program. The Navy began receiving WGU-4E/B GCSs in fourth quarter FY94 and had AIM-9M-8 AUR available for issue by second quarter FY95. The last AIM-9M-8/9 seeker production/retrofit contract completed deliveries in the second quarter of FY00. The Navy accumulated a total of 4,207 AIM-9M-8 AURs. The AIM-9M-10 missile will be introduced into the Navy inventory through an AIM-9M retrofit program. Approximately 1,000 AIM-9M will be retrofit to the AIM-9M-10 configuration, while approximately 325 CATM-9M will be retrofit to the CATM-9M-27 configuration.

4. Significant Interfaces. The AIM-9M can be launched from a number of Navy and Marine Corps aircraft platforms. These include the AV-8, F-14, F/A-18 and AH-1, which all use the LAU-7 launcher to interface with the missile. Additionally, the F/A-18 can launch the AIM-9M using the LAU-127 launcher, while the F-14 can launch the AIM-9M using the LAU-138 launcher.

5. New Features, Configurations, or Material. The AIM-9M-8 features improved tracking capabilities against modern IRCM and provides new missile status tones (audio cues) to the pilot. The AIM-9M-10 features a forward hangar made of wrought steel (ALLVAC 13-8) versus previous cast steel (17-4) and an improved cager assembly in its wings.

H. CONCEPTS

1. Operational Concept. The AIM-9M can be employed on several Navy and Marine Corps tactical aircraft. The AIM-9M has been integrated on F-14, F/A-18, and AV-8B fixed wing aircraft and on the AH-1 rotary wing aircraft. The Sidewinder Missile is used during air-to-air combat evolutions. The missile is launched from an aircraft after target detection to home-in, intercept, and destroy enemy aircraft. The AIM-9M seeks and homes in on IR energy emitted by the target. When an IR-emitting source enters the seeker field of view, the electronics unit generates an audio signal. The pilot hears the signal through the headset, indicating that the AIM-9M has acquired a potential target. One method of cueing the AIM-9M to the target's IR energy source is referred to as boresight, whereby the missile is physically pointed toward the target via the pilot maneuvering the aircraft. The IR energy gathered by the missile seeker is converted to electronic signals that enable the missile to acquire and track the target up to its seeker gimbal limits. A second method of cueing the AIM-9M to the target's IR energy is the Sidewinder Expanded Acquisition Mode (SEAM). SEAM slaves the AIM-9M seeker to the aircraft radar. The aircraft avionics system can slave the missile seeker up to a given number of degrees from the missile/aircraft boresight axis. The missile seeker is slaved until an audible signal indicates seeker target acquisition. Upon target acquisition, a seeker interlock in the missile is released (uncaged) and the missile seeker begins tracking the target. The AIM-9M seeker will then continue to track the target. A third method for cueing the AIM-9M to the target's IR energy will be through use of the JHMCS. This method will allow the pilot to cue the AIM-9M seeker up to its seeker gimbal limits via helmet movement. The pilot can launch the AIM-9M anytime after receipt of the appropriate audible signal.

2. Maintenance Concept. The AIM-9 maintenance objective is to assure that AURs are available to fulfill commitments of operational activities, and to provide the means to restore unserviceable missiles to serviceable condition with minimal downtime. Maintenance functions are allocated to three levels of maintenance as defined in the Naval Ordnance Maintenance Management Program (NOMMP), OPNAVINST 8000.16 (series), which replaced the Naval Airborne Weapons Maintenance Program, OPNAVINST 8600.2 (series) in September 1999.

a. Organizational-level. Aircraft squadrons perform organizational-level maintenance. It is limited to visual inspections, launcher functional checks, replacement of launcher nitrogen receiver assemblies, loading and downloading of the missile, installation and removal of accessory items such as safety and protection devices, performance of the IR source test and tracking and recording of captive flight time. Missiles requiring maintenance are returned to the intermediate maintenance activity for maintenance or disposition.

b. Intermediate-level. Weapons Department, Aviation Intermediate Maintenance Department (AIMD), Naval Airborne Weapons Maintenance Unit One (NAWMU 1), and Marine Aviation Logistics Squadrons (MALS) perform intermediate-level maintenance. It is limited to packing and unpacking, inspections, cleaning, paint touch-up, preservation, removal and installation of wings and fins, replacement of specified parts, and servicing of the nitrogen receiver. Tactical missiles and training components that are Beyond the Capability of Maintenance (BCM) of the intermediate maintenance activity are returned to AUR depot for repair or disposition.

c. Depot.

(1) AUR Depot. Naval Weapons Stations (NWS) Fallbrook and Yorktown and NAWMU-1 perform AUR depot level maintenance. They provide repair capability for missile components BCM at the intermediate level. Maintenance includes AUR packing and unpacking, AUR assembly and disassembly, missile processing, wings and fins maintenance and Sidewinder container maintenance.

(2) Component Depot. The Sidewinder program has implemented component depot-level repair capabilities at appropriate Designated Repair Points (DRP) within the joint services' missile maintenance activities. This approach takes full advantage of existing capabilities. Tobyhanna Army Depot (TYAD) is the DRP for the Sidewinder GCS. The Naval Surface Warfare Center Indian Head (NSWC-IH) is the DRP for the propulsion section. NWS Fallbrook and Yorktown are the DRPs for mechanical items such as wings, fins, and containers. Naval Weapons Support Center (NAVWPNSUPPCEN) Crane is the DRP for the Target Detector and the S-A device. TYAD achieved AIM-9M GCS repair capability in the first quarter of FY01. TYAD became the GCS repair depot as a result of a Base Realignment And Closure (BRAC) mandate, which moved the function from Letterkenny Army Depot.

d. Interim Maintenance. NA. The Sidewinder program is well beyond the Navy Support Date (NSD) for the AIM-9M. NAWCWD Fleet Weapons Support Team (FWST) personnel provide technical assistance as required to organizational and intermediate activities.

NAWCWD FWST personnel also provide On-the-Job Training (OJT) to organizational level and intermediate level maintenance personnel. Naval Strike Air Warfare Center (NSAWC) Topgun instructors provide operational updates and briefings for flight crews.

e. Life Cycle Maintenance Plan. The AIM-9M Sidewinder program has developed a Joint Post-Production Support Plan (JPPSP) that describes the AIM-9M life-cycle maintenance. The document is currently in draft form and is identified by the document number JPPSP-SW-001. Regularly scheduled maintenance for each Sidewinder AIM-9M missile, however, is determined by its last Maintenance Due Date (MDD) and the AIM-9M Serviceable-In-Service-Time (SIST). The AIM-9M SIST was increased from 36 months to 62 months in February 1996.

3. Manning Concept. The AIM-9M does not impact existing manpower requirements at Government organizational-, intermediate-, or depot-level activities. Seat factor, crew ratio, and total aircraft per squadron drive the pilot, Weapon and Sensor Operator (WSO), and Radar Intercept Operator (RIO) manpower requirements. The number of weapon pylons/stations per aircraft and total per squadron drive the load crew manpower requirements for USN and USMC operational squadrons and Fleet Replacement Squadrons (FRS). Enlisted manning for USN and USMC intermediate maintenance activities (CV/CVN, NAS, MCAS, MALS) is based on the total assigned ordnance workload, and not on specific AIM-9M requirements. Skills required to support the AIM-9M are within the capability of existing NECs and MOSs. Refer to Part II for existing USN and USMC intermediate maintenance manpower requirements.

a. Organizational-level Maintenance. Loading an AIM-9M or a CATM-9M on Navy and Marine Corps aircraft requires five properly trained and certified ordnancemen. The particular rating, NEC and MOS for each aircraft are shown below.

Table I-2. Organizational Maintenance Personnel

Aircraft	Rating/NEC	MOS
AH-1		6531
AV-8		6531
F-14	AO 8345 or 8845	
F/A-18C/D	AO 8342 or 8842	6531
F/A-18E/F	AO 8341 or 8841	6531

b. Intermediate-level Maintenance. Three AOs are required to unpack, inspect, and deliver the AIM-9M or the CATM-9M to the flight line/flight deck. Weapons Department personnel with NEC 6801 (Work Center 700) can perform unpacking-packing evolutions for the Navy. MALS personnel with MOS 6541 can perform unpacking-packing evolutions for the Marine Corps. Two AOs are required to test, disassemble/assemble, and remove/replace components on Sidewinder-compatible launchers. AIMD personnel with NEC 6802 (Work Center 700) can perform launcher Intermediate maintenance for the Navy. MALS personnel with MOS 6541 can perform launcher Intermediate maintenance for the Marine Corps.

c. Depot-level Maintenance. Depot-level maintenance manpower, both AUR depots and DRPs, is managed by the respective field activities on an annual basis. Each year, the upcoming year's maintenance workload is estimated and manpower levels are reviewed.

4. Training Concept. The AIM-9M training concept is divided into operator and maintenance training. Operator training is provided for aircrew personnel (pilot, RIO and WSO). The AIM-9M training concept for maintenance is divided into organizational- and intermediate-levels based on OPNAVINST 4790.2 (series) and OPNAVINST 8000.16 (series). Organizational-level maintenance training is provided to AO personnel shown in Table I-2. Intermediate-level training is provided to AO maintenance personnel with NECs 6801, 6802, or MOS 6541.

Selected Reserve personnel may earn intermediate level maintenance qualifications by attending formal training at NAMTRAGRUDETs and NAMTRAUs, providing quotas, funding, and students are available to attend the training. Specific guidelines are contained in NAVPERS 18068F Volume II, Chapter IV, and Navy Enlisted Classifications.

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

a. Initial Training. AIM-9M-8 initial training was completed during FY95 and FY96. AIM-9M-10 initial training/materials is required for Intermediate-level maintenance schools to incorporate the new tap test curricula required by the Mk 1 Mod 5 wings on the AIM-9M-10.

b. Follow-on Training. Training on the existing Sidewinder AIM-9M Missile is in place. Operator (aircrew) training courses were updated to include AIM-9M-8 Sidewinder information. Organizational level maintenance and intermediate level maintenance training courses required minimal updating to include the AIM-9M-8 nomenclature.

(1) Operator Training. Pilots, Radar Intercept Officers (RIOs) and Weapon and Sensor Officer (WSOs) are trained at the appropriate FRS for specific aircraft operation and weapons. Pilot, RIO and WSO skills in tactics and ordnance delivery are further enhanced at SFWS, SWATSLANT, NSAWC, MAWTS 1 and through on-board proficiency training.

(a) Training Devices. TDs required for follow-on and proficiency operator training include aircraft simulators and the CATM-9M. Also, AIM-9M assets are required for

live-fire exercises, which are part of the annual Non-Combat Expenditure Allowance (NCEA). Aircrew training is heavily dependent upon the availability of CATM-9M assets, and because of the importance of this TD, a Non-Nuclear Ordnance Requirement (NNOR) has been established. Refer to Part IV, element IV.A.2, for detailed information on CATM-9M requirements.

- **Weapons Tactics Trainer/Tactical Operational Flight Trainer/Weapon System Trainer/Mission Flight Trainer.** Weapon Tactics Trainer (WTT), Weapon Systems Trainer, Tactical Operational Flight Trainer (TOFT), and Mission Flight Trainer (MFT) are a platform-specific computer-based weapon system training devices (simulators). These TD provide aircrew familiarization in aircraft operational procedures to include various sensor, stores and missiles employment. The various TD for each aircraft platform that supports Sidewinder AIM-9M training are listed below.

Table I-3. AIM-9M Capable Simulators

Aircraft	TD Name	TD Number
AH-1W	WST	2F136
AV-8B	WST	2F149
AV-8B	WST	2F150
AV-8B	NAWST	2F150A
F-14B/A	WST	2F154
F-14D	WST	2F169
F-14D	MFT	2F153
F/A-18C/D	WTT	2E7
F/A-18C/D	TOFT	2F132A
F/A-18E/F	WTT	
F/A-18E/F	TOFT	

- **Captive Air Training Missile, CATM-9M.** The CATM-9M is an inert, captive flight TD permitting realistic exercise of the AIM-9M GCS. Airborne operation of the CATM-9M provides the operator all interaction between aircraft and missile without expending the missile. CATM-9M may consist of a combination of tactical and training (inert) components or all training components. See Table I-4 for further CATM-9M configuration details. Aircrew training is heavily dependent upon the availability of CATM-9M assets, and because of the importance of this TD, a Non-Nuclear Ordnance Requirement (NNOR) has been established. Refer to Part IV, element IV.A.2, for detailed information on CATM-9M requirements.

Table I-4. Sidewinder CATM-9M Information

AIM-9 CONFIGURATION	NALC	CORRESPONDING CATM-9 CONFIGURATION	NALC	GCS COMMON TO BOTH CONFIGURATIONS	NALC
AIM-9M-1 or AIM-9M-3	PB55/ PV66 PC47/ PV67	CATM-9M-6 (slick) or CATM-9M-8 (W&F) or CATM-9M-1 (NAR'd) or CATM-9M-2 (slick) or CATM-9M-4 (W&F)	BWBS BWBT PC60 PC61 PV44	NOT APPLICABLE INERTED TACTICAL GCS WGU-4A(T-2)/B NOT APPLICABLE INERTED TACTICAL GCS WGU-4A(T-2)/B WGU-4A/B WGU-4A/B WGU-4A/B	1W11 1W11 PM55 PM55 PM55
AIM-9M-4	PV74	NOT APPLICABLE		WGU-4C/B	PM66
AIM-9M-6	PV76	NOT APPLICABLE		WGU-4D/B	PM67
AIM-9M-8	PV89	CATM-9M-12 (W&F) or CATM-9M-14 (slick)	PU70 PU71	WGU-4E/B WGU-4E/B	PM69 PM69
AIM-9M-10	TDB	CATM-9M-27 (W&F)	TDB	WGU-4E/B	PM69

(b) Training Aids.

- Aircrew Interactive Courseware.** The AIM-9M Aircrew Interactive Courseware (ICW) is a component of the Strike Fighter Weapons and Tactics (SFWT) curricula, and is hosted on the Strike Fighter Training System (SFTS). SFWT and SFTS are two of three components of NSAWC's Strike Fighter Training Program (SFTP), which is primarily targeted at providing post-FRS training to Strike Fighter aircrew. The SFTS is a high-speed, wide area network, linking schools and squadrons together with standardized, Computer-Based Training (CBT) and ICW. Strike Fighter Tactics Instructors (SFTIs), the third component of the SFTP, are trained by NSAWC N7 (Topgun) and administer the SFWT curricula within the squadrons. AIM-9M ICW was developed for the SFTS by NSAWC, PMA205 and PMA259, and was released in FY97. For detailed information on AIM-9M ICW (training aid) refer to element IV.B.2.

- **AIM-9M-8 Familiarization Video.** An AIM-9M-8 Familiarization video was developed by NAVAIRSYSCOM PMA259 and NAWCWD China Lake and used to support initial training. It was distributed to Fleet squadrons in FY94/FY95.

(c) **Courses.** The following table lists the applicable operator training courses. Additionally, Sidewinder lectures/briefs are maintained and provided by Tactics Instructors at NSAWC (Topgun), SFWS, and MAWTS 1. The AIM-9M-8 source material was incorporated in these courses with minimal impact. The addition of AIM-9M-8 material did not change student throughput or chargeable student billets, and, therefore, these courses do not appear in Parts II and III. See AH-1, AV-8 F-14, and F/A-18 NTSPs for course details. See Part I Section M for information on these related NTSPs.

Table I-5. F/A-18 Operator Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
D/E-2A-0601	F/A-18 Fleet Replacement Pilot Category 1	November 94
D/E-2A-0602	F/A-18 Fleet Replacement Pilot Category 2A	November 94
D/E-2A-0603	F/A-18 Fleet Replacement Pilot Category 2H	November 94
D/E-2A-0605	F/A-18 Fleet Replacement Pilot Category 2F	November 94
D/E-2A-0604	F/A-18 Fleet Replacement Pilot Category 3	November 94
D/E-2A-0606	F/A-18 Fleet Replacement Pilot Category 4	November 94
M13P4B3	F/A-18D Fleet Replacement Pilot Basic and Transition	November 94
M13P3V3	F/A-18D Fleet Replacement Pilot Refresher	November 94
M13P3W3	F/A-18D Fleet Replacement Pilot Modified Refresher	November 94
M13P4C3	F/A-18D WSO Basic and Transition	November 94
M13P3R3	F/A-18D WSO Refresher	November 94
M13P3S3	F/A-18D WSO Modified Refresher	November 94

Table I-6. F-14 Operator Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
D-2A-1601	F-14 Fleet Replacement Pilot Category 1	November 94
D-2A-1602	F-14 Fleet Replacement Pilot Category 2	November 94
D-2A-1603	F-14 Fleet Replacement Pilot Category 3	November 94
D-2A-1604	F-14 Fleet Replacement Pilot Category 4	November 94
D-2A-1605	F-14 Fleet Replacement Pilot Category 5	November 94
D-2D-1601	F-14 Naval Flight Officer (NFO) Category 1	November 94
D-2D-1602	F-14 Naval Flight Officer (NFO) Category 2	November 94
D-2D-1603	F-14 Naval Flight Officer (NFO) Category 3	November 94
D-2D-1604	F-14 Naval Flight Officer (NFO) Category 4	November 94
D-2D-1605	F-14 Naval Flight Officer (NFO) Category 5	November 94

Table I-7. AV-8B Operator Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
M04P4H4	AV-8B Fleet Replacement Pilot Basic and Transition	November 94
M04P4Q4	AV-8B Fleet Replacement Pilot Refresher	November 94
M04P4R4	AV-8B Fleet Replacement Pilot Modified Refresher	November 94

Table I-8. AH-1 Operator Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
M23P4N1	AH-1 Fleet Replacement Pilot Basic and Transition	November 94
M23P3M1	AH-1 Fleet Replacement Pilot Refresher	November 94
M23P3X1	AH-1 Fleet Replacement Pilot Modified Refresher	November 94

(2) **Initial Skills - Maintenance.** The AO “A1” School at NAS Pensacola, Florida provides AIM-9M initial skills training for the AO rating. The Dummy Air Training Missile (DATM), DATM-9M, is the TD required for AIM-9M initial skills maintenance training.

(a) **Training Devices.** The DATM-9M is physically representative of the AIM-9M. It is a TD that facilitates instruction and familiarization for organizational and intermediate level maintenance personnel in AIM-9M assembly, disassembly, loading, transportation, and stowage procedures and techniques. All components are training items (completely inert) except for wings, fins, and tactical umbilical cable. The DATM-9M-1 and DATM-9M-2 simulate both the AIM-9L and AIM-9M tactical missiles for training purposes and are not certified for flight. For detailed information on DATM-9M, refer to element IV.A.2.

(b) **Technical Training Equipment.** TTE required include:

- **LAU-7A/A Launcher.** The LAU-7A/A is used on the F-14, F/A-18, AV-8 and AH-1 aircraft. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.
- **LAU-127A/A Launcher.** The introduction of LAU-127A/A launcher was driven by the development and introduction of the Advanced Medium-Range Air-to-Air Missile (AMRAAM), AIM-120. It is AIM-9M-compatible and its nitrogen receiver assembly is much smaller than those used on the LAU-7A/A and is used on the F/A-18 aircraft. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.
- **LAU-138/A Launcher.** The LAU-138/A Bols Chaff launcher is used on the F-14 aircraft and is an AIM-9M capable launcher. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.
- **AN/AWM-100.** The AN/AWM-100 test set is used on the LAU-7A/A to perform AIM-9M release and control checks. This test set will start to be replaced in FY03 by

the AN/AWM-103, known as the Common Organizational-level Armament System Tester (COAST).

- **AN/AWM-103.** The AN/AWM-103, known as the COAST, will begin production in October 2002 at the rate of 25 per month. This launcher test set will replace several existing launcher test sets including the AN/AWM-100.

- **CNU-435/E AUR Container.** The AIM-9M AUR container is required to teach and practice unpacking/packing evolutions, as well as, container maintenance.

(c) **Courses.** The modification of the AIM-9M to the AIM-9M-8 configuration did not affect the training course content or course length at the AO A1 School, and therefore there were no changes in student throughput or chargeable student billets. These courses are listed for reference only and will not appear in Parts II and III of this document.

Table I-9. Initial Skills - Maintenance Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
C-646-2011	Aviation Ordnanceman Class A1 Common Core	On line
C-646-2012	Aviation Ordnanceman Class A1 Navy Difference Training	On line

(3) **Organizational-level Maintenance.** O-level Maintenance personnel are trained at the appropriate aircraft platform school. SFWS (LANT/PAC) provides weapons loading and launcher release and control checks training for F/A-18. SWATSLANT provides weapons loading and launcher release and control checks for F-14. VMAT-203 FREST provides weapons loading and launcher release and control checks for AV-8. HMT-303 provides weapons loading and launcher release and control checks for AH-1. Weapon loading skills are further enhanced through on-board proficiency training.

(a) **TDs.** The TD required for follow-on and proficiency training is the CATM-9M. The CATM-9M is used for the AIM-9M Conventional Weapons Technical Proficiency Inspection (CWTPI).

(b) **Technical Training Equipment.** TTE required include:

- **LAU-7A/A Launcher.** The LAU-7A/A is used on the F-14, F/A-18, AV-8 and AH-1 aircraft. It is required to teach and practice AIM-9M release and control checks and AIM-9M loading.

- **LAU-127A/A Launcher.** The introduction of LAU-127A/A launcher was driven by the development and introduction of the AMRAAM, AIM-120. It is AIM-9M-compatible and its nitrogen receiver assembly is much smaller than those used on the LAU-7A/A and is used on the F/A-18 aircraft. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **LAU-138/A Launcher.** The LAU-138/A Bols Chaff launcher is used on the F-14 aircraft and is an AIM-9M capable launcher. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **AN/AWM-100.** The AN/AWM-100 is required to teach and practice AIM-9M release and control checks.

- **AN/AWM-103.** The AN/AWM-103, known as the COAST, will begin production in October 2002 at the rate of 25 per month. This launcher test set will replace several existing launcher test sets including the AN/AWM-100.

(c) **Courses.** AIM-9M is taught in the following organizational-level maintenance training courses. The modification of the AIM-9M to the AIM-9M-8 configuration did not affect the maintenance, release and control checks, or conventional weapons loading at organizational-level maintenance activities. Associated training course content and course lengths were not affected, and therefore there were no changes in student throughput or chargeable student billets. These courses are listed for reference only and do not appear in Parts II and III of this document. See AH-1, AV-8 F-14, and F/A-18 NTSPs for course details. See Part I Section M for information on these related NTSPs.

Table I-10. Organizational-level Maintenance Courses.

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
C-646-3893	AV-8B Conventional Weapons Loading	On line
C-646-9888	AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance	On line
D-646-1642	F-14 Conventional Weapons Loading	On line
C-646-9962	F-14 Armament Systems Organizational Maintenance (Initial)	On line
C-646-9963	F-14 Armament Systems Organizational Maintenance (Career)	On line
D/E-646-0640	F/A-18 Conventional Weapons Loading	On line
D/E-646-0647	F/A-18 Conventional Release Systems Test	On line
C-646-9973	F/A-18 Stores Management Integrated Organizational Maintenance (Initial)	On line
C-646-9974	F/A-18 Stores Management Integrated Organizational Maintenance (Career)	On line
C-646-9361	H-1 Armament Repair Integrated Organizational Maintenance	On line

(4) **Intermediate-level Maintenance.** Intermediate-level maintenance training is available for USN and USMC AOs through the appropriate MTU.

(a) **Training Devices.** The TD required for follow-on and proficiency training is the DATM-9M.

(b) **Technical Training Equipment.** TTE required include:

- **CNU-435/E AUR Container.** The AIM-9M AUR container is required to teach and practice unpacking/packing evolutions, as well as, container maintenance.
- **LAU-7A/A Launcher.** The LAU-7A/A is used on the F-14, F/A-18, AV-8 and AH-1 aircraft. It is required to teach and practice AIM-9M release and control checks and AIM-9M loading.
- **LAU-127A/A Launcher.** The introduction of LAU-127A/A launcher was driven by the development and introduction of the AMRAAM, AIM-120. It is AIM-9M-compatible and its nitrogen receiver assembly is much smaller than those used on the LAU-7A/A and is used on the F/A-18 aircraft. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.
- **LAU-138/A Launcher.** The LAU-138/A Bols Chaff launcher is used on the F-14 aircraft and is an AIM-9M capable launcher. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.
- **A/E37T-35 CRALTS.** A properly configured Common Racks And Launchers Test Set (CRALTS) is required to teach and practice LAU-7A/A intermediate maintenance.

(c) **Courses.** The modification of the AIM-9M to the AIM-9M-8 configuration did not affect the intermediate-level maintenance of the AIM-9M missile, therefore training course content and course lengths were not impacted. The AIM-9M Sidewinder is taught in the following intermediate-level maintenance training courses.

Table I-11. Intermediate-level Maintenance Courses.

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
C-122-3111	Air Launched Guided Missiles Intermediate Maintenance	November 94
C-122-3118	Strike Armament Intermediate Maintenance Repair	November 94
C-646-3105	Aviation Ordnance Intermediate Maintenance Technician	October 96
C-646-4108	Weapons Department General Aviation Ordnance Supervisor	October 95
C-646-4109	Weapons Department General Aviation Ordnance	October 95

Detailed information for each of the courses listed in Table I-11 follows.

Title..... **Air Launched Guided Missiles Intermediate Maintenance**
CIN..... C-122-3111 (part of D/E-646-7007)
Model Manager MTU 4030, NAMTRAGRUDET Naval Station (NS) Mayport
Description This course provides training to the first tour Aviation Ordnancemen, Gunner's Mates and Torpedoman's Mates, including:

- Basic theory
- Safety precautions
- Technical publications
- Missile reporting procedures

Upon completion, the student will have sufficient knowledge/theory of the Sparrow, Phoenix, Sidewinder, Sidarm, AMRAAM, Maverick, Harpoon, SLAM, HARM, Tow, Hellfire, Penguin AUR Air Launched Guided Missiles, Walleye Weapon System, Tactical Air Launched Decoy (TALD) and Air Nitrogen Purifier Units to perform, under close supervision, intermediate maintenance in the CV/CVN, LPH/LHA, NAS/MCAS working environment.

Locations MTU 4030, NAMTRAGRUDET, NS Mayport
MTU 4032, NAMTRAU, NAS Norfolk
MTU 4033, NAMTRAU, NAS North Island
MTU 4035, NAMTRAU, NAS Whidbey Island

Length..... 11 days
RFT date..... Currently available
Skill identifier... AO 6801
TD/TTE DATM-9M, CNU-435/E
Prerequisite..... AO, GMG, TM, or Graduate of AO (ClassA1) School or equivalent or designated striker

Title.....	Strike Armament Systems Intermediate Maintenance
CIN.....	C-646-3118 (part of D/E-646-7001)
Model Manager	MTU 4033, NAMTRAU NAS North Island
Description	This course provides training to Aviation Ordnance Technicians, including: <ul style="list-style-type: none"> • Operational checkout procedures • Corrosion control • Troubleshooting procedures • Periodic maintenance procedures • Component removal, repair, replacement procedures • Use of special tools and test equipment • Use of publications • Use of safety and administrative procedures applicable to aircraft armament equipment items <p>Upon completion of this course, the student will be able to perform work on aircraft armament equipment in the Aircraft Intermediate Maintenance Department environment under limited supervision.</p>
Locations	MTU 4032, NAMTRAU, NAS Norfolk MTU 4033, NAMTRAU, NAS North Island
Length.....	65 days
RFT date.....	Currently available
Skill identifier...	AO 6802
TD/TTE	LAU-7A/A, LAU-127A/A, LAU-138/A, A/E37T-35
Prerequisite.....	Graduate of AO "A" School or designated AO striker

Title.....	Weapons Department General Aviation Ordnance
CIN.....	C-646-4109 (stand-alone course)
Model Manager	MTU 4033, NAMTRAU NAS North Island
Description	This course provides training to the first tour Aviation Ordnancemen, Gunner's Mates and Torpedoman's Mates, including: <ul style="list-style-type: none"> • Basic theory • Safety precautions • Technical publications • Missile reporting procedures • Introduction to Weapons Department, Ammunition Magazines, Shoring, Stowage and Handling Equipment • Introduction to Air Launched Weapons <p>Upon completion of this course, the Aviation Ordnanceman assigned to Shipboard, Shoreboard, and Shore Combatant Weapons Departments as conventional weapons handlers, will have the sufficient knowledge and skills of procedures and safety requirements for receiving, transferring and storing conventional weapons, assembly and disassembly of bombs and rockets, loading and unloading flare and rocket launchers and the linkless ammunition loading system, and the canning and decanning of miscellaneous ordnance, in accordance with applicable publications, while working under minimum supervision in a shipboard or shore environment.</p>
Locations	MTU 4030, NAMTRAGRUDET, NS Mayport MTU 4032, NAMTRAU, NAS Norfolk MTU 4033, NAMTRAU, NAS North Island MTU 4035, NAMTRAU, NAS Whidbey Island
Length.....	10 days
RFT date.....	Currently available
Skill identifier...	N/A
TD/TTE	DATM-9M, CNU-435/E
Prerequisite.....	AO, GMG, TM, or Graduate of AO (ClassA1) School or equivalent or designated striker

Title.....	Aviation Ordnance Intermediate Maintenance Technician
CIN.....	C-646-3105 (part of M-646-7026)
Model Manager	MTU 4034, MCAS Cherry Point, North Carolina
Description	This course provides training to USMC ordnance personnel, including: <ul style="list-style-type: none"> • Basic theory • Safety precautions • Technical publications • Missile/launcher reporting procedures Upon completion, the student will have sufficient knowledge/theory to be able to work on ordnance/armament in the MALS environment.
Locations	MTU-4034, MCAS Cherry Point, North Carolina
Length.....	75 days
RFT date.....	Currently available
Skill identifier...	MOS 6541
TD/TTE	DATM-9M, CNU-435/E, LAU-7A/A, LAU-127A/A, A/E37T-35
Prerequisite.....	C-646-2011A Aviation Ordnanceman Common Core Class A1

(5) Explosive Ordnance Disposal Training. EOD training is conducted at the NAVSCOLEOD at Eglin Air Force Base, Florida. Additional advanced and specialized EOD training is provided by EOD Technical Evaluation Units (EODTEUs) at Fort Story, Virginia and San Diego, California.

(a) Training Devices. TDs required for EOD training are the Practical Explosive Ordnance Disposal System Trainer (PEST) and the Classroom Explosive System Trainer (CEST).

- **Practical Explosive Ordnance Disposal System Trainer.** A PEST is a full-scale model of the missile, containing inert versions of all explosive train components. The PEST possesses the same weight and center of gravity characteristics as the tactical missile. The PEST is used to teach and practice the missile's Render Safe Procedure (RSP). It is used in the identification line, the outdoor practice area, and the outdoor test area. There is no AIM-9M PEST, but its requirement has been satisfied by various inert components, e.g., rocket motor and warhead. For further details see element IV.A.2.

- **Classroom Explosive Ordnance Disposal System Trainer.** A CEST is an inert, cut-away model of the missile, displaying locations and types of explosive and hazardous materials, initiators, igniters, and fuze. It is used during classroom instruction to facilitate familiarization of the missile and its associated RSP. For further CEST-9M details see element IV.A.2.

(b) Courses. AIM-9M is taught in the following EOD training courses. The AIM-9M-8 RSP is the same as earlier AIM-9M variant RSPs. The AIM-9M-8 training material

did not change student throughput or chargeable student billets, and, therefore, these courses do not appear in Parts II and III.

Table I-12. EOD Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9X
A-431-0011	Explosive Ordnance Disposal (EOD) Phase II (Navy)	November 94
A-431-0012	Explosive Ordnance Disposal (EOD) Phase II	November 94
G-431-0001	EOD Pre-deployment Team Training	November 94

c. Student Profiles. The following table lists the enlisted manpower and personnel classifications required to support AIM-9M. In many instances, AO personnel who will support AIM-9M will not possess the component NEC because they attained their primary NEC prior to the recent A School and C School changes. See Figure I-1 through I-9 for more information.

Table I-13. AIM-9M Student Profiles.

RATING and NEC or MOS	TITLE	COMPONENT NEC or MOS
AO 8841	F/A-18E/F System Organizational Apprentice Maintenance Technician	AO 0000
AO 8341	F/A-18E/F System Organizational Maintenance Technician	AO 8841
AO 8842	F/A-18 Armament System Organizational Apprentice Maintenance Technician	AO 0000
AO 8342	F/A-18 System Organizational Maintenance Technician	AO 8842
AT 8842	F/A-18 System Organizational Apprentice Maintenance Technician	AT 0000
AT 8342	F/A-18 System Organizational Maintenance Technician	AT 8842
AO 8845	F-14 Initial Organizational Maintenance Technician	AO 0000
AO 8345	F-14 System Organizational Maintenance Technician	AO 8845
MOS 6531	Aircraft Ordnance Technician (AH-1)	6511
MOS 6531	Aircraft Ordnance Technician (AV-8)	6511
MOS 6531	Aircraft Ordnance Technician (F/A-18)	6511
MOS 6541	Aviation Ordnance Intermediate Maintenance Technician	6511
AO 6801	Air Launched Weapons Technician	AO 0000
AO 6802	Strike Intermediate Armament Maintenceman	AO 0000

d. Training Pipelines. New training tracks will not be required for AIM-9M-8. The following training pipelines and tracks correspond to student profiles listed above. These pipelines and tracks are based on the training system that is in place today, and may not reflect actual progressions for personnel who completed formal training prior to the recent A School and C School changes. Shaded courses contain AIM-9M content. Introduction of the AIM-9M-8 did not affect any organizational- or intermediate-level maintenance functions. Training tracks and associated courses are available in the OPNAV Aviation Training Management System (OATMS). The following training tracks apply and are available in the OATMS.

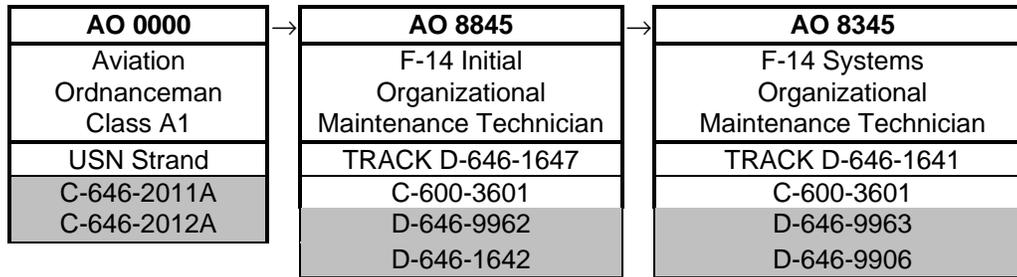


Figure I-1 F-14 Systems Organizational Maintenance Technician Career Progression

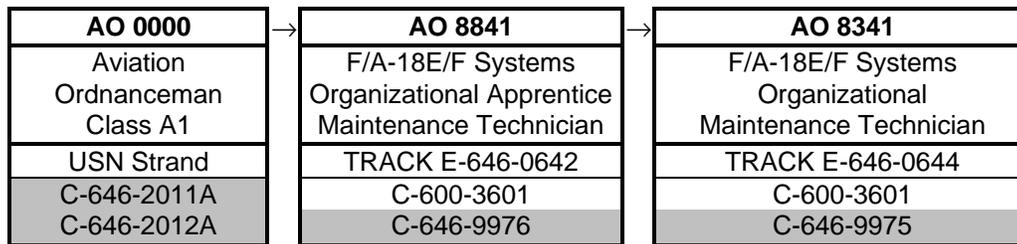


Figure I-2 USN F/A-18E/F Systems Organizational Maintenance Technician Career Progression

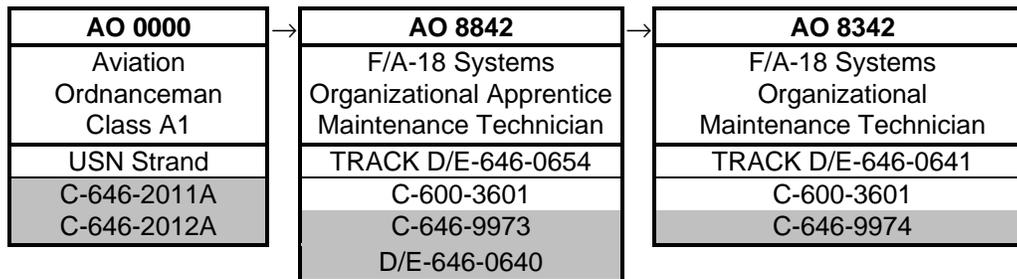


Figure I-3 USN F/A-18 Systems Organizational Maintenance Technician Career Progression

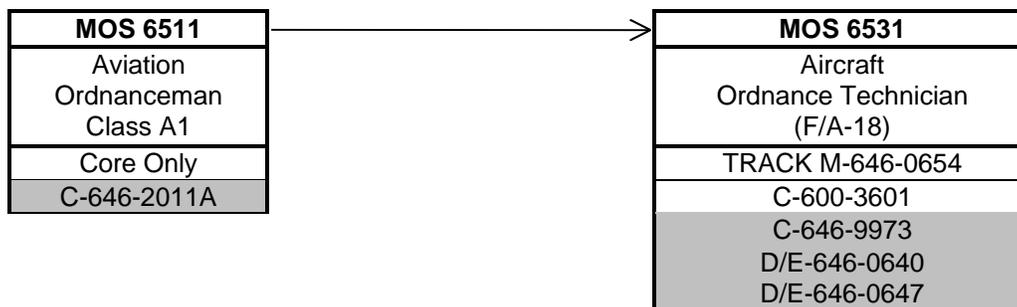


Figure I-4 USMC F/A-18 Aircraft Ordnance Technician Career Progression

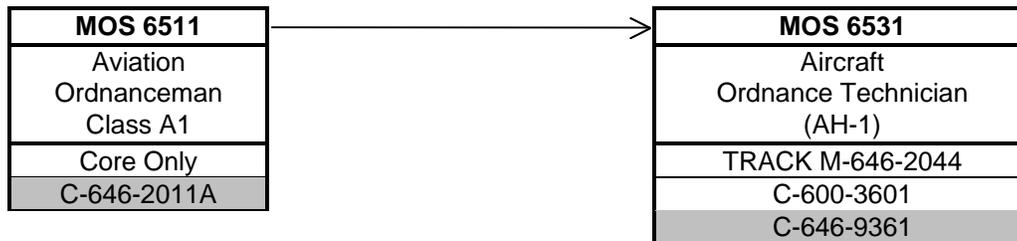


Figure I-5 AH-1 Aircraft Ordnance Technician Career Progression

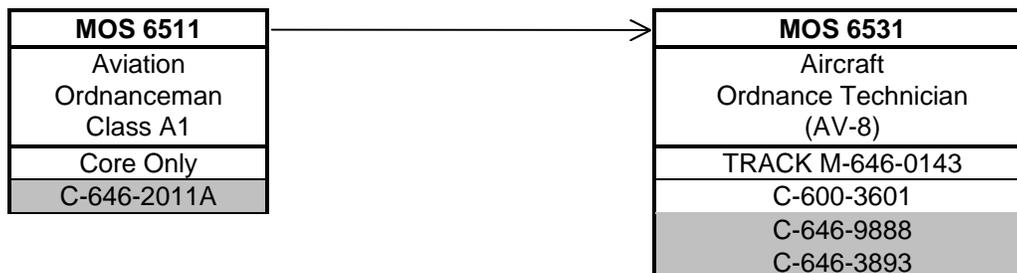


Figure I-6 AV-8 Aircraft Ordnance Technician Career Progression

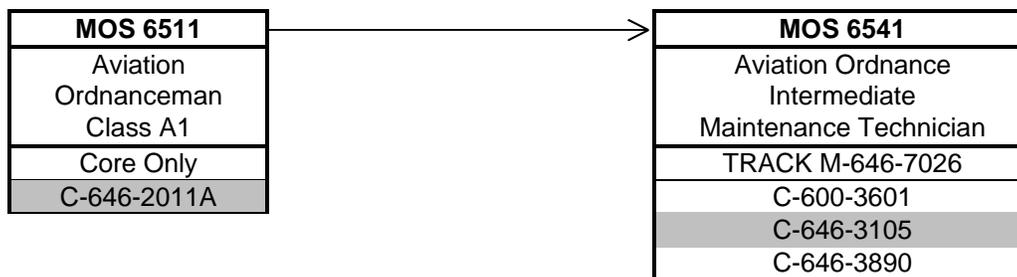


Figure I-7 Aviation Ordnance Intermediate Maintenance Technician Career Progression

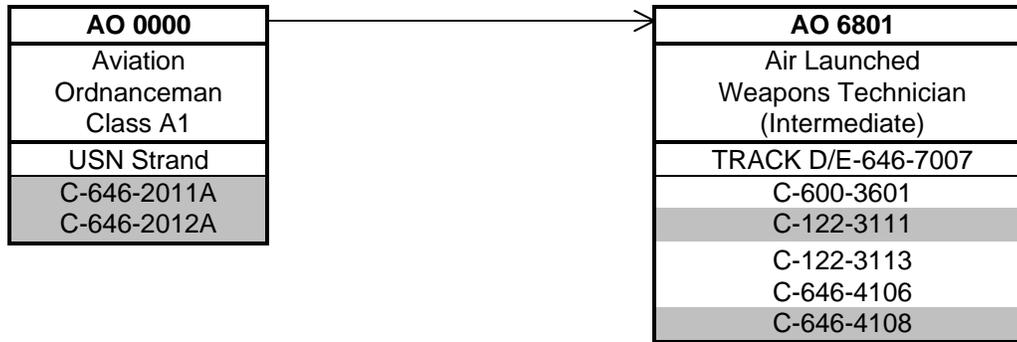


Figure I-8 Air Launched Weapons Technician Career Progression



Figure I-9 Strike Intermediate Armament Maintenceman Career Progression

I. ON-BOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development.

a. Maintenance Training Improvement Program. The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a bank of test questions managed through automated data processing. The Deputy Chief of Staff for Training assisted in development of MTIP by providing those question banks (software) already developed by the Navy. MTIP was implemented per OPNAVINST 4790.2 series. MTIP allows increased effectiveness in the application of training resources through identification of skills and knowledge deficiencies at the activity, work center, or individual technician level. Refresher training is concentrated where needed to improve identified skill and knowledge shortfalls. The Aviation Maintenance Training Continuum System (AMTCS) will replace MTIP. AMTCS began Beta version testing of F/A-18 curricula in October 2000.

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 CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: 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 (N789H), 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.

The Ammunition and Explosive Handling Qualification and Certification (QUAL/CERT) Program requires periodic, local QUAL/CERT events to be documented in a QUAL/CERT Record. These QUAL/CERT Records will be maintained physically at the local activity, but will be entered electronically into the ETJ for tracking purposes.

c. Strike Fighter Training Program. NSAWC, which includes Topgun (N7), SFWSL, SFWSP, and the Strike Weapons and Tactics School Atlantic (SWATSLANT), is developing post-FRS training at the squadron level for Navy Strike Fighter aircraft (F-14 and F/A-18). This post-FRS training continuum is known as the SFTP, and is composed of three equally critical elements: The SFWT curricula, the SFTI, and the SFTS. The SFWT curricula will be taught by each squadron's SFTI, who will be supported by the SFTS, a multimedia computer-based training system that will host CMI, CAI, CBT and ICW. Aircrew weapons proficiency training will continue to be accomplished using existing methods: Academic, Simulator (WTT/Weapon Systems Trainer (WST)), CATM and/or embedded aircraft simulation, and NCEA; but capability ratings will be performance-based rather than completion-based, i.e., it will not be based simply upon completing the training events, but upon how well they are completed. Training events will be measured using defined metrics, and collectively these events will be evaluated to determine

actual combat readiness, quantitatively (objectively) rather than qualitatively (subjectively). See the SFTP NTSP, N88-NTSP-A-50-9906, for more information.

2. Personnel Qualification Standards. N/A.

3. Other On-Board or In-service Training Packages.

a. Marine Aviation Training Management Evaluation Program. Marine Corps on-board training is based on the current series of Marine Corps Order (MCO) P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 (series), maintenance training requirements. It is a performance-based, standardized, level-progressive 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 remedial training. (AMTCS is planned to replace MATMEP.)

b. Conventional Weapon Technical Proficiency Inspection. The CWTPI is a graded inspection administered by Strike Fighter Wing (STRKFTRWING). It is governed by the policy and procedures established by each Type Commander (TYCOM). The inspection team is made up of SFWS instructors under the direction of the Wing Ordnance Officer. The CWTPI covers all areas of conventional weapon load and release, and control systems checks. The inspection evaluates the squadron's ability to wire-check, upload and download conventional ordnance correctly, 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, including squadron pilots, directly involved in the inspection, require a written examination. A 72-hour time limit is granted for the completion of the entire evolution. The final grade is an average score derived from the written exams, ordnance loads, wire checks, and the pilot's proficiency to deliver weapons on target. Pre-inspection training is provided by the appropriate SFWS followed by the CWTPI. The CWTPI determines the need for further conventional weapons load training of squadron AO and AT personnel at the appropriate SFWS.

c. Marine Corps Combat Readiness Evaluation. Marine Corps Headquarters schedules the USMC fighter and attack wings for a yearly Combat Readiness Evaluation. This is part of the Marine Corps Combat Readiness Evaluation System. An entire Marine Corps activity is moved to another location to participate in war exercises and to be 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.

d. Explosive Handling Qualification and Certification Program. The Ammunition and Explosive Handling QUAL/CERT Program is implemented by OPNAVINST 8020.14 and MCO P8020.11. To minimize the probability of mishap, the potential for personnel errors are controlled through training (qualification) coupled with a management process designed to

prevent inadequately trained personnel from performing ammunition and explosives jobs/tasks (certification). Aviation Ordnancemen are required to perform periodic, local QUAL/CERT events in order to be authorized to handle ordnance. Results of these QUAL/CERT events are documented in a hardcopy QUAL/CERT Record and kept on file by the local activity.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers. All domestic Sidewinder AIM-9M missile contracts have been completed.

2. Program Documentation. The Sidewinder Integrated Logistics Support Plan ILSP (ILSP-MS-059), dated 15 December 1993 was updated to include AIM-9M-8 information. Additionally, with the completion of domestic AIM-9M production contracts, the Sidewinder program has developed a Joint Post-Production Support Plan (JPPSP). The document is currently in draft form and is identified by the document number JPPSP-SW-001.

3. Technical Data Plan. Existing AIM-9 publications have been updated to include AIM-9M requirements. Because of the similarity between the AIM-9M and the AIM-9M-8, data pertaining to the AIM-9M-8 was incorporated into the existing manuals. Source data was acquired from NAWCWD China Lake. A complete list of all AIM-9 publications can be found in the Technical Manual List NA 01-AIM9-0.

4. Test Sets, Tools, and Test Equipment. The introduction of the AIM-9M-8 to Navy and Marine Corps operational units and activities did not require any new test sets, tools, or test equipment. The existing AN/DSM-152A Test Set received software modifications enabling it to recognize the AIM-9M-8 configuration. The modified test set is designated the AN/DSM-152B.

5. Repair Parts. The Naval Inventory Control Point (NAVICP), Mechanicsburg, PA and Defense Logistics Agency (DLA) provide supply support for the AIM-9M. This network is used to procure all AIM-9M-8 missile components, as well as components of earlier AIM-9M variants.

6. Human Systems Integration. N/A. The AIM-9M-8 and earlier configurations were fielded prior to establishment of Human Systems Integration (HSI) plans. Human factors did play a part in the development of additional missile status tones; suspending OPEVAL for a period to improve uniqueness of additional tones.

K. SCHEDULES

1. Schedule of Events

a. Installation and Delivery Schedules. AIM-9M-8 has completed production and its inventory objective has been achieved. The AIM-9M-10 retrofits will begin in FY01 and continue through FY05.

b. Ready For Operational Use Schedule. All AIM-9M are fielded to operational units ready for operational use. Normal break out, assembly, and aircraft loading are required.

c. Time Required to Install at Operational Sites. N/A.

d. Foreign Military Sales and Other Source Delivery Schedule. AIM-9M-8 is still in production for various FMS countries. For further information contact PMA259.

e. Training Device and Delivery Schedule. The AIM-9M program has completed production and delivery of training devices that support up to the AIM-9M-8 configuration. As the mix of configurations in the tactical inventory has changed between AIM-9M-1/3, AIM-9M-4, and AIM-9M-6 to AIM-9M-8, a need for a corresponding change has been applied to the CATM inventory. Currently the CATM-9M inventory is comprised of approximately 65% AIM-9M-8 CATMs (CATM-9M-12) and 35% AIM-9M-1/3 CATMs (CATM-9M-4). 325 of these assets will be retrofit to AIM-9M-10 CATMs (CATM-9M-27). The Navy will maintain a total inventory mix of approximately 1100 CATM-9Ms. For more information, see section IV.A.2.

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

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

Table I-15. Related NTSPs and Other AIM-9M Documents

DOCUMENT TITLE	DOCUMENT NUMBER	PDA CODE	STATUS
Navy and Air Force ILSP for Sidewinder AIM-9M Missile System	ILSP MS-059	AIR-3.1.L	Approved 12/93
Operational Logistics Support Plan for Sidewinder AIM-9 Missile Systems	OLSP MS-061 Revision C	AIR-3.1.L	Approved 12/89
Joint-Service Post Production Support Plan for Sidewinder AIM-9M Missile System	JPPSP-SW-001	AIR-3.1.L	Draft 12/00
AH-1W Aircraft NTSP	N88-NTSP-A-50-8520D/A	PMA276	Approved 2/96
F/A-18 Aircraft NTSP	N88-NTSPA-50-7703H/D	PMA265	Draft 11/00
T/AV-8B Harrier II Weapon System NTSP	N88-NTSP-A-50-8210D/D	PMA257	Draft 8/99
F-14A, F-14B, F-14D Aircraft NTSP	N88-NTSP-A-50-8511B/A	PMA241	Approved 3/00
Strike Fighter Training Program NTSP	N88-NTSP-A-50-9906/D	PMA205	Draft 9/99

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the AIM-9M 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

II.B. Personnel Requirements

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

NOTE 1: This section of the AIM-9M NTSP reflects intermediate-level maintenance billet and personnel requirements for the AIM-9M. It is a compilation of two Navy NECs, AO 6801 and AO 6802, and one Marine Corps MOS, 6541. AIM-9M operator billets are programmed through the applicable aircraft NTSP, e.g., F/A-18C/D NTSP, as are the AIM-9M organizational-level billets. The addition of the AIM-9M to the intermediate-level workload is only a small percentage of the required workload for those NECs and MOS. The NECs and MOS are not dedicated to the AIM-9M and, therefore, the overall training throughput for the NEC and MOS will remain the same, i.e., it accounts for the total NEC/MOS community, and not just activities receiving AIM-9M.

NOTE 2: All billets identified in this section are programmed through other NTSPs, e.g., F/A-18 NTSP, applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Documents. The activities and associated billets are listed to assist the weapons training community in identifying and managing training requirements throughout the development, production, and deployment of the AIM-9M.

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

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

SOURCE: NAVAIRSYSCOM PMA259/PMA205

DATE: 12/2000

ACTIVITY	UIC	PFYs	CFY01	FY02	FY03	FY04	FY05
OPERATIONAL	NAVY						
VX-9	55646	1	0	0	0	0	0
VF-14	09084	1	0	0	0	0	0
VF-32	09053	1	0	0	0	0	0
VF-41	09774	1	0	0	0	0	0
VF-154	09678	1	0	0	0	0	0
VF-211	09086	1	0	0	0	0	0
VF-213	09934	1	0	0	0	0	0
VF-101 (FRS)	09067	1	0	0	0	0	0
VF-2	09113	1	0	0	0	0	0
VF-11	09560	1	0	0	0	0	0
VF-31	09473	1	0	0	0	0	0
VF-102	09717	1	0	0	0	0	0
VF-103	09718	1	0	0	0	0	0
VF-143	09281	1	0	0	0	0	0
VFA-106 (FRS)	09679	1	0	0	0	0	0
VFA-125 (FRS)	09485	1	0	0	0	0	0
VFA-15	09015	1	0	0	0	0	0
VFA-34	09070	1	0	0	0	0	0
VFA-37	09478	1	0	0	0	0	0
VFA-81	09221	1	0	0	0	0	0
VFA-82	09122	1	0	0	0	0	0
VFA-83	09223	1	0	0	0	0	0
VFA-86	09943	1	0	0	0	0	0
VFA-87	63922	1	0	0	0	0	0
VFA-105	65183	1	0	0	0	0	0
VFA-131	63934	1	0	0	0	0	0
VFA-136	55141	1	0	0	0	0	0
VFA-22	09561	1	0	0	0	0	0
VFA-25	09637	1	0	0	0	0	0
VFA-94	09295	1	0	0	0	0	0
VFA-97	63923	1	0	0	0	0	0
VFA-113	09092	1	0	0	0	0	0
VFA-115	09604	1	0	0	0	0	0
VFA-137	55142	1	0	0	0	0	0
VFA-146	09063	1	0	0	0	0	0
VFA-147	63925	1	0	0	0	0	0
VFA-151	09558	1	0	0	0	0	0
VFA-27	65185	1	0	0	0	0	0
VFA-192	55179	1	0	0	0	0	0
VFA-195	09706	1	0	0	0	0	0
VFA-201 (R)	09309	1	0	0	0	0	0
VFA-203 (R)	09030	1	0	0	0	0	0

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

SOURCE: NAVAIRSYSCOM PMA259/PMA205

DATE: 12/2000

ACTIVITY	UIC	PFYs	CFY01	FY02	FY03	FY04	FY05
VFA-204 (R)	09032	1	0	0	0	0	0
NSAWC N7	69190	1	0	0	0	0	0
SFWSL	47084	1	0	0	0	0	0
SFWSP	35185	1	0	0	0	0	0
SWATSLANT	45157	1	0	0	0	0	0
VFC-12	52994	1	0	0	0	0	0
VFC-13	52995	1	0	0	0	0	0
TOTAL:		49	0	0	0	0	0

OPERATIONAL	USMC						
VMAT-203 (FRS)	45483	1	0	0	0	0	0
VMA-211	09412	1	0	0	0	0	0
VMA-214	09436	1	0	0	0	0	0
VMA-311	09416	1	0	0	0	0	0
VMA-513	09231	1	0	0	0	0	0
VMA-223	09438	1	0	0	0	0	0
VMA-231	52948	1	0	0	0	0	0
VMA-542	52847	1	0	0	0	0	0
VMFA-115	09234	1	0	0	0	0	0
VMFA-122	09407	1	0	0	0	0	0
VMFA-251	09241	1	0	0	0	0	0
VMFA-312	09253	1	0	0	0	0	0
VMFA (AW)-224	01224	1	0	0	0	0	0
VMFA (AW)-332	09501	1	0	0	0	0	0
VMFA (AW)-533	09193	1	0	0	0	0	0
VMFA-212	09434	1	0	0	0	0	0
VMFA-232	09242	1	0	0	0	0	0
VMFA-314	09230	1	0	0	0	0	0
VMFA-323	09235	1	0	0	0	0	0
VMFA (AW)-121	09257	1	0	0	0	0	0
VMFA (AW)-225	09232	1	0	0	0	0	0
VMFA(AW)-242	09668	1	0	0	0	0	0
VMFA-112 (R)	08954	1	0	0	0	0	0
VMFA-134 (R)	09365	1	0	0	0	0	0
VMFA-142 (R)	67243	1	0	0	0	0	0
VMFA-321 (R)	67235	1	0	0	0	0	0
MALS Aug Beaufort	67863	1	0	0	0	0	0
MALS Aug Miramar	09111	1	0	0	0	0	0
MAWTS-1	55167	1	0	0	0	0	0
VMFAT-101 (FRS)	09965	1	0	0	0	0	0
HMT-303 (FRS)	55176	1	0	0	0	0	0
HMLA-169	09202	1	0	0	0	0	0
HMLA-267	09159	1	0	0	0	0	0
HMLA-367	09079	1	0	0	0	0	0
HMLA-369	09361	1	0	0	0	0	0
HMLA-775 (R)	55252	1	0	0	0	0	0

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

SOURCE: NAVAIRSYSCOM PMA259/PMA205

DATE: 12/2000

ACTIVITY	UIC	PFYs	CFY01	FY02	FY03	FY04	FY05
HMLA-167	09898	1	0	0	0	0	0
HMLA-269	08998	1	0	0	0	0	0
HMLA-773	09431	1	0	0	0	0	0
HMLA-775 DET A	09415	1	0	0	0	0	0
TOTAL:		40	0	0	0	0	0
FLEET SUPPORT	NAVY						
NAVWPNTTESTRON CL	39787	1	0	0	0	0	0
NAVWPNTTESTRON PM	39788	1	0	0	0	0	0
NAVSTKAIRTESTRON	39783	1	0	0	0	0	0
NAS Fallon	60495	1	0	0	0	0	0
NAS Lemoore	63042	1	0	0	0	0	0
NAS North Island	00246	1	0	0	0	0	0
NAS Oceana	60191	1	0	0	0	0	0
NAS Whidbey Island	00620	1	0	0	0	0	0
COMNAVAIRLANT	57012	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
CV-67 USS Kennedy	03367	1	0	0	0	0	0
CVN-65 USS Enterprise	03365	1	0	0	0	0	0
CVN-68 USS Nimitz	03368	1	0	0	0	0	0
CVN-69 USS Eisenhower	03369	1	0	0	0	0	0
CVN-70 USS Vinson	20993	1	0	0	0	0	0
CVN-71 USS Roosevelt	21247	1	0	0	0	0	0
CVN-72 USS Lincoln	21297	1	0	0	0	0	0
CVN-73 USS Washington	21412	1	0	0	0	0	0
CVN-74 USS Stennis	21847	1	0	0	0	0	0
CVN-75 USS Truman	21853	1	0	0	0	0	0
CVN-76 USS Reagan	TBD	0	0	0	0	1	0
NAWMU-1	52821	1	0	0	0	0	0
NAWCAD Patuxent River	00421	1	0	0	0	0	0
NAWCWD Point Mugu	63126	1	0	0	0	0	0
NAWS Point Mugu	0429A	1	0	0	0	0	0
NAWS China Lake	68937	1	0	0	0	0	0
COMSTKFITWINGLANT	3006A	1	0	0	0	0	0
Det Beaufort							
Ordnance DET Oceana	31279	1	0	0	0	0	0
SURFLANTAVORD/MTT	48764	1	0	0	0	0	0
Norfolk							
AIRMAINTTRSGRPDET	66058	1	0	0	0	0	0
Whidbey Island							
NAS Point Mugu	0429A	1	0	0	0	0	0
AIMD Atsugi	44323	1	0	0	0	0	0
AIMD Fallon	44317	1	0	0	0	0	0
AIMD Key West	44320	1	0	0	0	0	0
AIMD Lemoore	44321	1	0	0	0	0	0
AIMD North Island	44326	1	0	0	0	0	0

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

SOURCE: NAVAIRSYSCOM PMA259/PMA205

DATE: 12/2000

ACTIVITY	UIC	PFYs	CFY01	FY02	FY03	FY04	FY05
AIMD Oceana	44327	1	0	0	0	0	0
AIMD Roosevelt Roads	44373	1	0	0	0	0	0
AIMD Whidbey Island	44329	1	0	0	0	0	0
RAIMD Atlanta	44486	1	0	0	0	0	0
RAIMD Fort Worth	44487	1	0	0	0	0	0
RAIMD New Orleans	44490	1	0	0	0	0	0
NAS Whidbey Island, VAN	31179	1	0	0	0	0	0
OPDET							
NAWCWD China Lake	60530	1	0	0	0	0	0
TOTAL:		44	0	0	0	1	0
FLEET SUPPORT	USMC						
MAD China Lake	67852	1	0	0	0	0	0
MAD Patuxent River	67356	1	0	0	0	0	0
MALS-11 Miramar	09111	1	0	0	0	0	0
MALS-12 Iwakuni	09377	1	0	0	0	0	0
MALS-13 Yuma	09041	1	0	0	0	0	0
MALS-31 Beaufort	09384	1	0	0	0	0	0
MALS-41 Fort Worth	67239	1	0	0	0	0	0
MALS-42 Marietta	67236	1	0	0	0	0	0
MALS-46 Miramar	67244	1	0	0	0	0	0
MASD Andrews	04801	1	0	0	0	0	0
2 nd MAW Cherry Point	00201	1	0	0	0	0	0
4 th MAW New Orleans	00400	1	0	0	0	0	0
MALS-14 Cherry Point	09378	1	0	0	0	0	0
MALS-26 New River	09167	1	0	0	0	0	0
MALS-29 New River	52841	1	0	0	0	0	0
3 rd MAW Miramar	00300	1	0	0	0	0	0
MALS-39 Camp Pendleton	09808	1	0	0	0	0	0
TOTAL:		17	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
OPERATIONAL		NAVY				
VFA-106	09679					
	USMC		0	1		6541
ACTIVITY TOTAL:			0	1		
VFA-125	09485					
	USMC		0	1		6541
ACTIVITY TOTAL:			0	1		
VAQ-129	09995					
	USMC		0	1		6541
ACTIVITY TOTAL:			0	1		
VFA-203	09030					
	TAR		0	1	AO	6802
	SELRES		0	1	AO	6802
ACTIVITY TOTAL:			0	2		
VFA-204	09032					
	TAR		0	1	AO	6802
	SELRES		0	1	AO	6802
ACTIVITY TOTAL:			0	2		
VFC-12	52994					
	TAR		0	1	AO	6802
	SELRES		0	1	AO	6802
ACTIVITY TOTAL:			0	2		
VFA-201	09309					
	SELRES		0	2	AO	6802
ACTIVITY TOTAL:			0	2		
OPERATIONAL		USMC				
VMFA-115	09234					
	USMC		0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-122	09407					
	USMC		0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-251	09241					
	USMC		0	10		6541
ACTIVITY TOTAL:			0	10		

¹All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for the entire NEC/MOS community requirements. Activities that actually maintain AIM-9M are highlighted in yellow to distinguish them from the remaining billet community.

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
VMFA-312	09253					
USMC				3		6541
AR			0	7		6541
ACTIVITY TOTAL:			0	10		
VMFA-321	67235					
USMC				3		6541
AR			0	7		6541
ACTIVITY TOTAL:			0	10		
VFC-13	52995					
ACDU			0	1		6802
ACTIVITY TOTAL:			0	1		
VMA-131						
AR			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA (AW)-224	01224					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA (AW)-332	09501					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA (AW)-533	09193					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA-212	09434					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-232	09242					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-314	09230					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-323	09235					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA (AW)-121	09257					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA (AW)-225	09232					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA (AW)-242	09668					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
VMFA-112	08954					
	USMC		0	3		6541
	AR		0	7		6541
ACTIVITY TOTAL:			0	10		
VMFA-134	09365					
	USMC		0	7		6541
	AR		0	3		6541
ACTIVITY TOTAL:			0	10		
VMFA-142	67243					
	USMC		0	3		6541
	AR		0	7		6541
ACTIVITY TOTAL:			0	10		
MALS Aug Beaufort	67863					
	USMC		0	11		6541
ACTIVITY TOTAL:			0	11		
MALS Aug Miramar	09116					
	USMC		0	4		6541
ACTIVITY TOTAL:			0	4		
MAWTS-1	55167					
	USMC		0	2		6541
ACTIVITY TOTAL:			0	2		
VMFAT-101	09965					
	USMC		0	9		6541
	SELRES		0	2	AO	6802
	ACDU		0	2	AO	6802
ACTIVITY TOTAL:			0	13		
HMH-461	09582					
	USMC		0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-464	53935					
	USMC		0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-772	09490					
	USMC		0	2		6541
ACTIVITY TOTAL:			0	2		
HMLA-167	09898					
	USMC		0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-269	08998					
	USMC		0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-773	09431					
	USMC		0	4		6541
	AR		0	8		6541
ACTIVITY TOTAL:			0	12		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
HLMA-775	55252					
USMC			0	4		
AR			0	8		6541
ACTIVITY TOTAL:			0	12		
HLMA-775 DET A	09415					
USMC			0	2		
AR			0	4		6541
ACTIVITY TOTAL:			0	6		
HMM-162	09492					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-261	09441					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-263	09445					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-264	09374					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-266	53972					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-365	53923					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-774	09430					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMT-303	55176					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
VMA-223	09438					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-231	52948					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-542	52847					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMAQ-1	41345					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
VMAQ-2	42362					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VMAQ-3	42362					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VMAQ-4	67837					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VMAT-203	45483					
USMC			0	5		6541
ACTIVITY TOTAL:			0	5		
HMH-361	09446					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-362	09495					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMH-363	09496					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMH-366	55650					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMH-462	09349					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-463	09010					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMH-465	53936					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-466	53998					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-769	09487					
AR			0	1		6541
ACTIVITY TOTAL:			0	1		
HMLA-169	09202					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
HMLA-267	09159					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-367	09079					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-369	09361					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMM-161	09440					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-163	09405					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-164	09408					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-165	09343					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-166	53973					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-262	09442					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-265	09404					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-268	52790					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-364	09793					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-764	09402					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
VMA-211	09412					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
VMA-214	09436					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-311	09416					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-513	09231					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
FLEET SUPPORT	NAVY					
COMNAVAIRLANT	57012					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
CV-63 USS Kitty Hawk	03363					
ACDU			0	11	AO	6801
ACDU			0	15	AO	6802
ACTIVITY TOTAL:			0	26		
CV-64 USS Constellation	03364					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CV-67 USS Kennedy	03367					
ACDU			0	11	AO	6801
TAR			0	1	AO	6801
ACDU			0	7	AO	6802
TAR			0	1	AO	6802
SELRES			0	2	AO	6802
ACTIVITY TOTAL:			0	22		
CVN-65 USS Enterprise	03365					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-68 USS Nimitz	03368					
ACDU			0	11	AO	6801
ACDU			0	7	AO	6802
ACTIVITY TOTAL:			0	18		
CVN-69 USS Eisenhower	03369					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
CVN-70 USS Vinson	20993					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-71 USS Roosevelt	21247					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-72 USS Lincoln	21297					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-73 USS Washington	21412					
ACDU			0	11	AO	6801
ACDU			0	7	AO	6802
ACTIVITY TOTAL:			0	18		
CVN-74 USS Stennis	21847					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-75 USS Truman	21853					
ACDU			0	10	AO	6801
ACDU			0	7	AO	6802
ACTIVITY TOTAL:			0	17		
CVN-76 USS Reagan	TBD					
ACDU		FY04	0	10	AO	6801
ACDU		FY04	0	7	AO	6802
ACTIVITY TOTAL:			0	17		
AFLOATRAGRU Norfolk CSTG	49085					
ACDU			0	2	AO	6801
ACTIVITY TOTAL:			0	2		
COMSTKFITWINGLANT Det Beaufort	3006A					
ACDU			0	16	AO	6801
ACTIVITY TOTAL:			0	16		
FASOTRAGRULANT	09810					
ACDU			0	2	AO	6801/ 9502
ACTIVITY TOTAL:			0	2		
LHA-2 USS Saipan	20632					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
LHA-4 USS Nassau	20725					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
LHD-1 USS Wasp	21560					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-3 USS Kearsarge	21700					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-5 USS Bataan	21879					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
MCS-12 USS Inchon	20009					
ACDU			0	1	AO	6801
TAR			0	1	AO	6802
ACTIVITY TOTAL:			0	2		
NAF Mildenhall	57032					
SELRES			0	1	AO	6801
ACTIVITY TOTAL:			0	1		
NAS Brunswick	60087					
ACDU			0	8	AO	6801
ACDU			0	1	AO	6810/ 6801
ACTIVITY TOTAL:			0	9		
NAS Cecil Field	60200					
ACDU			0	23	AO	6801
ACTIVITY TOTAL:			0	23		
NAS Keflavik	63032					
ACDU			0	3	AO	6801
ACDU			0	1	AO	6810/ 6801
ACDU			0	1	AO	0812/ 6801
ACTIVITY TOTAL:			0	5		
NAS Oceana	60191					
ACDU			0	3	AO	6801
ACTIVITY TOTAL:			0	3		
NATMSACT Kingsville	49149					
ACDU			0	1	AO	6801
ACTIVITY TOTAL:			0	1		
NAWMU-1	52821					
ACDU			0	23	AO	6801
ACDU			0	5	AO	6802
ACTIVITY TOTAL:			0	28		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
NAVSTKAIRTESTRON	39783					
ACDU			0	12	AO	6801
ACDU			0	2	AO	6801/ 8845
ACDU			0	1	AO	6801/ 9590
ACTIVITY TOTAL:			0	15		
Ordnance DET Oceana	31279					
ACDU			0	33	AO	6801
ACTIVITY TOTAL:			0	33		
SURFLANTAVORD/MTT Norfolk	48764					
ACDU			0	5	AO	6801
ACTIVITY TOTAL:			0	5		
AIRMAINTTRSGRPDET Whidbey Island	66058					
ACDU			0	5	AO	6801/ 9502
ACTIVITY TOTAL:			0	5		
COMFLTACT Okinawa	62254					
ACDU			0	2	AO	6801
ACTIVITY TOTAL:			0	2		
LHA-1 USS Tarawa	20550					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
LHA-3 USS Belleau Wood	20633					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
LHA-5 Peleliu	20748					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
LHD-2 USS Essex	21533					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-4 USS Boxer	21808					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-6 USS Bonhomme Richard	22202					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
LHD-7 USS Iwo Jima	23027					
ACDU			0	2	AO	6801
ACTIVITY TOTAL:			0	2		
NAF El Centro	60042					
ACDU			0	7	AO	6801
ACTIVITY TOTAL:			0	7		
NAS Lemoore	63042					
ACDU			0	3	AO	6801
ACTIVITY TOTAL:			0	3		
NAS Point Mugu	0429A					
ACDU			0	18	AO	6801
ACDU			0	1	AO	8345/6801
ACTIVITY TOTAL:			0	19		
NAWCWD Point Mugu	63126					
ACDU			0	1	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	2		
AIMD Atsugi	44323					
ACDU			0	4	AO	6802
ACTIVITY TOTAL:			0	4		
AIMD Cecil Field	60200					
ACDU			0	15	AO	6802
SELRES			0	2	AO	6802
ACTIVITY TOTAL:			0	17		
AIMD Fallon	44317					
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	8		
AIMD Key West	44320					
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	2		
AIMD Lemoore	44321					
ACDU			0	23	AO	6802
ACTIVITY TOTAL:			0	23		
AIMD North Island	44326					
ACDU			0	9	AO	6802
ACTIVITY TOTAL:			0	9		
AIMD Oceana	44327					
ACDU			0	73	AO	6802
ACTIVITY TOTAL:			0	73		
AIMD Roosevelt Roads	44373					
ACDU			0	5	AO	6802
ACTIVITY TOTAL:			0	5		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
AIMD Sigonella	44330					
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	2		
AIMD Whidbey Island	44329					
ACDU			0	20	AO	6802
ACTIVITY TOTAL:			0	20		
RAIMD Atlanta	44486					
TAR			0	6	AO	6802
ACTIVITY TOTAL:			0	6		
RAIMD Fort Worth	44487					
TAR			0	3	AO	6802
ACTIVITY TOTAL:			0	3		
RAIMD New Orleans	44490					
TAR			0	2	AO	6802
ACTIVITY TOTAL:			0	2		
RAIMD Willow Grove	44493					
TAR			0	3	AO	6802
ACTIVITY TOTAL:			0	3		
SEAOPDET Cecil Field	46961					
ACDU			0	15	AO	6802
ACTIVITY TOTAL:			0	15		
SEAOPDET Lemoore	46964					
ACDU			0	11	AO	6802
ACTIVITY TOTAL:			0	11		
SEAOPDET North Island	46968					
ACDU			0	4	AO	6802
ACTIVITY TOTAL:			0	4		
SEAOPDET Oceana	46963					
ACDU			0	15	AO	6802
ACTIVITY TOTAL:			0	15		
NAS North Island	00246					
ACDU			0	3	AO	6802
ACTIVITY TOTAL:			0	3		
NAS Whidbey Island, VAN OPDET	31179					
ACDU			0	10	AO	6802
ACTIVITY TOTAL:			0	10		
NAVAIRESFOR Norfolk	63102					
TAR			0	1	AO	6802
ACTIVITY TOTAL:			0	1		
Naval Weapons Test Squadron, Point Mugu	39788					
ACDU			0	5	AO	6802
ACTIVITY TOTAL:			0	5		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
Naval Weapons Test Squadron, China Lake	39787					
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	1		
NAWCWD China Lake	60530					
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	1		
Naval Test Wing Atlantic	39782					
ACDU			0	1	AO	6802
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	9		
FLEET SUPPORT	USMC					
MAD China Lake	67852					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
MALS-11 Miramar	09111					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-12 Iwakuni	09377					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-13 Yuma	09041					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-31 Beaufort	09384					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-42 Marietta	09513					
USMC			0	2		6541
AR			0	10		6541
ACTIVITY TOTAL:			0	12		
MALS-41 Fort Worth	67239					
USMC			0	5		6541
AR			0	39		6541
ACTIVITY TOTAL:			0	44		
MALS-46 Miramar	67244					
USMC			0	2		6541
AR			0	42		6541
ACTIVITY TOTAL:			0	44		
MASD Andrews	04801					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
2 nd MAW Cherry Point	00201					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
4 th MAW New Orleans	00400					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
Blount Island	38450					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
H&HS Beaufort	02031					
USMC			0	5		6541
ACTIVITY TOTAL:			0	5		
H&HS Cherry Point	02002					
USMC			0	17		6541
ACTIVITY TOTAL:			0	17		
H&HS New River	02021					
USMC			0	5		6541
ACTIVITY TOTAL:			0	5		
MALS-14 Cherry Point	09378					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-26 New River	09167					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALS-29 New River	52841					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALS-49 Stewart New York	55555					
USMC			0	4		6541
AR			0	8		6541
ACTIVITY TOTAL:			0	12		
1 st MAW Futenma	00101					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
3 rd MAW Miramar	00300					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
H&HS Camp Pendleton	02208					
USMC			0	9		6541
ACTIVITY TOTAL:			0	9		
H&HS El Toro	02201					
USMC			0	8		6541
ACTIVITY TOTAL:			0	8		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
H&HS Futenma	02601					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
H&HS Iwakuni	02501					
USMC			0	7		6541
ACTIVITY TOTAL:			0	7		
H&HS Yuma	02230					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
MALS-16 Tustin	09243					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALS-36 Futenma	09260					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALS-39 Camp Pendleton	09808					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALSE Kaneohe	02300					
USMC			0	4		6541
ACTIVITY TOTAL:			0	4		
MCAF Kaneohe	02303					
USMC			0	7		6541
ACTIVITY TOTAL:			0	7		

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES²

DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
OPERATIONAL ACTIVITY – ACDU													
AO	6802	0	3	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – TAR													
AO	6802	0	3	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – SELRES													
AO	6802	0	7	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – USMC													
	6541	0	475	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – AR													
	6541	0	62	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – ACDU													
	0812/6801	0	1	0	0	0	0	0	0	0	0	0	0
	6801	0	318	0	0	0	0	0	0	0	10	0	0
	6801/8845	0	2	0	0	0	0	0	0	0	0	0	0
	6801/9502	0	7	0	0	0	0	0	0	0	0	0	0
	6801/9590	0	1	0	0	0	0	0	0	0	0	0	0
	6802	0	358	0	0	0	0	0	0	0	7	0	0
	6810/6801	0	2	0	0	0	0	0	0	0	0	0	0
	8345/6801	0	1	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – TAR													
AO	6801	0	1	0	0	0	0	0	0	0	0	0	0
AO	6802	0	17	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY - SELRES													
AO	6801	0	1	0	0	0	0	0	0	0	0	0	0
AO	6802	0	4	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – USMC													
	6541	0	383	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – AR													
	6541	0	99	0	0	0	0	0	0	0	0	0	0
SUMMARY TOTAL:													
OPERATIONAL ACTIVITY – ACDU													
		0	3	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – TAR													
		0	3	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – SELRES													
		0	7	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – USMC													
		0	475	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – AR													
		0	62	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – ACDU													
		0	690	0	0	0	0	0	0	0	17	0	0
FLEET SUPPORT ACTIVITY – TAR													

² All billet requirements shown are programmed in the applicable aircraft NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for the entire NEC/MOS community requirements.

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES²

DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
		0	18	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – SELRES													
		0	5	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – USMC													
		0	383	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – AR													
		0	99	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL:													
	ACDU	0	693	0	0	0	0	0	0	0	17	0	0
	TAR	0	21	0	0	0	0	0	0	0	0	0	0
	SELRES	0	12	0	0	0	0	0	0	0	0	0	0
	USMC	0	858	0	0	0	0	0	0	0	0	0	0
	AR	0	161	0	0	0	0	0	0	0	0	0	0

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS³

INSTRUCTOR BILLETS

TRAINING ACTIVITY, LOCATION, UIC: MTU-4030 NAMTRAGRUDET NS Mayport 66069													
DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ACDU													
AO	6801/9502	0	4	0	4	0	4	0	4	0	4	0	4
SELRES													
AO	6801/9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:		0	5	0	5	0	5	0	5	0	5	0	5

TRAINING ACTIVITY, LOCATION, UIC: MTU-4032 NAMTRAU NAS Norfolk 66046													
DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ACDU													
AO	6801/9502	0	7	0	7	0	7	0	7	0	7	0	7
SELRES													
AO	6801/9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	9	0	9	0	9	0	9	0	9	0	9

TRAINING ACTIVITY, LOCATION, UIC: MTU-4033 NAMTRAU NAS North Island 66065													
DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ACDU													
AO	6801/9502	0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: MTU-4034 NAMTRAU MCAS Cherry Point 66047													
DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC													
MOS	6541	0	21	0	21	0	21	0	21	0	21	0	21

TRAINING ACTIVITY, LOCATION, UIC: MTU-4035 NAMTRAU NAS Whidbey Island 66058													
DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ACDU													
AO	6801/9502	0	4	0	4	0	4	0	4	0	4	0	4

³ Instructor billet requirements shown are for the total course throughput for applicable NEC/MOS, not just throughput required to support AIM-9M.

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS ⁴

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4030 NAMTRAGRUDET, NS Mayport, 66069													
	USN	0	10	0	10	0	10	0	10	0	10	0	10
MTU 4032 NAMTRAU, NAS Norfolk, 66046													
	USN	0	16	0	16	0	16	0	16	0	16	0	16
MTU 4033 NAMTRAU, NAS North Island, 66065													
	USN	0	22	0	22	0	22	0	22	0	22	0	22
MTU 4034 NAMTRAU, MCAS Cherry Point, 66047													
	USMC	0	48	0	48	0	48	0	48	0	48	0	48
MTU 4035 NAMTRAU, NAS Whidbey Island, 66058													
	USN	0	11	0	11	0	11	0	11	0	11	0	11
SUMMARY TOTAL:													
	USN	0	59	0	59	0	59	0	59	0	59	0	59
	USMC	0	48	0	48	0	48	0	48	0	48	0	48
GRAND TOTAL:		0	107	0	107	0	107	0	107	0	107	0	107

⁴ Chargeable student billet requirements shown are for the total course throughput for applicable NEC/MOS, not just throughput required to support AIM-9M.

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS⁵

a. OFFICER - USN: NA

b. ENLISTED - USN:

RATING	PNEC/SNEC	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
			+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
Operational Billets ACDU and TAR												
AO	6802	6	0	6	0	6	0	6	0	6	0	6
Fleet Support Billets ACDU and TAR												
AO	0812/6801	1	0	1	0	1	0	1	0	1	0	1
AO	6801	318	0	318	0	318	0	318	+10	328	0	328
AO	6801/8845	2	0	2	0	2	0	2	0	2	0	2
AO	6801/9502	7	0	7	0	7	0	7	0	7	0	7
AO	6801/9590	1	0	1	0	1	0	1	0	1	0	1
AO	6802	358	0	358	0	358	0	358	+7	365	0	365
AO	6810/6801	2	0	2	0	2	0	2	0	2	0	2
AO	8345/6801	1	0	1	0	1	0	1	0	1	0	1
Instructor and Support (Staff) Billets ACDU and TAR												
AO	6801/9502	19	0	19	0	19	0	19	0	19	0	19
Chargeable Student Billets ACDU and TAR												
		59	0	59	0	59	0	59	0	59	0	59
TOTAL USN ENLISTED BILLETS:												
Operational		6	0	6	0	6	0	6	0	6	0	6
Fleet Support		708	0	708	0	708	0	708	+17	725	0	725
Staff		19	0	19	0	19	0	19	0	19	0	19
Student		59	0	59	0	59	0	59	0	59	0	59
SELRES		15	0	15	0	15	0	15	0	15	0	15

⁵ Billets are programmed through applicable CV/CVN Class Total Ship NTSPs and Shore Activity Manning Documents.

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS⁵

c. OFFICER - USMC: NA

b. ENLISTED - USMC:

RATING	PMOS/SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
			+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
Operational Billets USMC and AR												
	6541	537	0	537	0	537	0	537	0	537	0	537
Fleet Support Billets USMC and AR												
	6541	482	0	482	0	482	0	482	0	482	0	482
Instructor and Support (Staff) Billets USMC and AR												
	6541	21	0	21	0	21	0	21	0	21	0	21
Chargeable Student Billets USMC and AR												
		48	0	48	0	48	0	48	0	48	0	48
TOTAL USMC ENLISTED BILLETS:												
Operational		537	0	537	0	537	0	537	0	537	0	537
Fleet Support		482	0	482	0	482	0	482	0	482	0	482
Staff		21	0	21	0	21	0	21	0	21	0	21
Student		48	0	48	0	48	0	48	0	48	0	48
SMCR		0	0	0	0	0	0	0	0	0	0	0

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS⁶

CIN, COURSE TITLE: D-646-7001, Strike Armament Equipment Intermediate Maintenance
COURSE LENGTH: 9.0 Weeks **SEA TOUR LENGTH:** Navy: 60 Months
ATTRITION FACTOR: Navy: 10 % **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU-TAR SELRES	CY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OF	ENL	OFF	ENL
MTU-4032 NAMTRAU, NAS Norfolk												
	USN	ACDU-TAR	0	40	0	40	0	40	0	40	0	40
	USN	SELRES	0	0	0	0	0	0	0	0	0	0
		TOTAL	0	40	0	40	0	40	0	40	0	40

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

TRAINING ACTIVITY	SOURCE	ACDU-TAR SELRES	CY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OF	ENL	OFF	ENL
MTU-4030 NAMTRAGRUDET, NS Mayport												
	USN	ACDU-TAR	0	72	0	72	0	72	0	72	0	72
MTU-4032 NAMTRAU, NAS Norfolk												
	USN	ACDU-TAR	0	60	0	60	0	60	0	60	0	60
	USN	SELRES	0	0	0	1	0	0	0	0	0	0
		TOTAL	0	60	0	61	0	60	0	60	0	60

CIN, COURSE TITLE: E-646-7001, Strike Armament Equipment Intermediate Maintenance
COURSE LENGTH: 9.0 Weeks **SEA TOUR LENGTH:** Navy: 60 Months
ATTRITION FACTOR: Navy: 10 % **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU-TAR SELRES	CY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OF	ENL	OFF	ENL
MTU-4033 NAMTRAU, NAS North Island												
	USN	ACDU-TAR	0	64	0	64	0	64	0	64	0	64
	USN	SELRES	0	0	0	0	0	0	0	0	0	0
		TOTAL	0	64	0	64	0	64	0	64	0	64

⁶ ATIR shown are for the total course throughput for applicable NEC/MOS, not just throughput required to support AIM-9M.

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS (Continued)⁶

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

TRAINING ACTIVITY	SOURCE	ACDU-TAR SELRES	CY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OF	ENL	OFF	ENL
F												
MTU-4033	NAMTRAU, NAS North Island											
	USN	ACDU-TAR	0	72	0	72	0	72	0	72	0	72
	USN	SELRES	0	1	0	1	0	1	0	1	0	1
		TOTAL	0	73	0	73	0	73	0	73	0	73
MTU-4035	NAMTRAU, NAS Whidbey Island											
	USN	ACDU-TAR	0	72	0	72	0	72	0	72	0	72

CIN, COURSE TITLE: C-646-4109, Weapons Department General Aviation Ordnance
COURSE LENGTH: 2.0 Weeks **SEA TOUR LENGTH:** Navy: 60 Months
ATTRITION FACTOR: Navy: 10 % **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU-TAR SELRES	CY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OF	ENL	OFF	ENL
F												
MTU-4030	NAMTRAGRUDET, NS Mayport											
	USN	ACDU-TAR	0	60	0	60	0	60	0	60	0	60
MTU-4032	NAMTRAU, NAS Norfolk											
	USN	ACDU-TAR	0	50	0	50	0	50	0	50	0	50
MTU-4033	NAMTRAU, NAS North Island											
	USN	ACDU-TAR	0	72	0	72	0	72	0	72	0	72
MTU-4035	NAMTRAU, NAS Whidbey Island											
	USN	ACDU-TAR	0	72	0	72	0	72	0	72	0	72

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Intermediate Maintenance
COURSE LENGTH: 11 Weeks **SEA TOUR LENGTH:** NA
ATTRITION FACTOR: Marine: 0 % **BACKOUT FACTOR:** 0.21

TRAINING ACTIVITY	SOURCE	USMC-AR SMCR	CY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OF	ENL	OFF	ENL
F												
MTU-4034	NAMTRAU, MCAS Cherry Point											
	USMC	USMC-AR	0	240	0	240	0	240	0	240	0	240

ACTIVITY TOTAL:

MTU-4030 NAMTRAGRUDET	0	132	0	132	0	132	0	132	0	132
MTU-4032 NAMTRAU	0	150	0	151	0	150	0	150	0	150
MTU-4033 NAMTRAU	0	209	0	209	0	209	0	209	0	209
MTU-4034 NAMTRAU	0	240	0	240	0	240	0	240	0	240
MTU-4035 NAMTRAU	0	144	0	144	0	144	0	144	0	144

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AIM-9M and, therefore, are not included in this NTSP.

- III.A. Training Course Requirements
 - III.A.1 Initial Training
 - 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.B. Total Ship Training Course Summary
- III.C. Inactive Duty Training Travel and Annual Training Summary

III.A. TRAINING COURSE REQUIREMENTS

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

TRAINING ACTIVITY: MTU-4030 NAMTRAGRUDET

LOCATION, UIC: NS Mayport, 66069

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

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

CY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	72.0	0	72.0	0	72.0	0	72.0	0	72.0	ATIR
0	64.8	0	64.8	0	64.8	0	64.8	0	64.8	Output
0	7.9	0	7.9	0	7.9	0	7.9	0	7.9	AOB
0	7.9	0	7.9	0	7.9	0	7.9	0	7.9	Chargeable

CIN, COURSE TITLE: C-646-4109, Weapons Department General Aviation Ordnance

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

CY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	60.0	0	60.0	0	60.0	0	60.0	0	60.0	ATIR
0	54.0	0	54.0	0	54.0	0	54.0	0	54.0	Output
0	2.2	0	2.2	0	2.2	0	2.2	0	2.2	AOB
0	2.2	0	2.2	0	2.2	0	2.2	0	2.2	Chargeable

III.A.2.a. EXISTING COURSES

TRAINING ACTIVITY: MTU-4032 NAMTRAU

LOCATION, UIC: NAS Norfolk, 66046

CIN, COURSE TITLE: D-646-7001, Strike Armament Equipment Intermediate Maintenance

SOURCE: NAVY STUDENT CATEGORY: ACDU-TAR

CY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	40.0	0	40.0	0	40.0	0	40.0	0	40.0	ATIR
0	36.0	0	36.0	0	36.0	0	36.0	0	36.0	Output
0	6.6	0	6.6	0	6.6	0	6.6	0	6.6	AOB
0	6.6	0	6.6	0	6.6	0	6.6	0	6.6	Chargeable

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

SOURCE: NAVY STUDENT CATEGORY: ACDU-TAR

CY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	60.0	0	60.0	0	60.0	0	60.0	0	60.0	ATIR
0	54.0	0	54.0	0	54.0	0	54.0	0	54.0	Output
0	6.6	0	6.6	0	6.6	0	6.6	0	6.6	AOB
0	6.6	0	6.6	0	6.6	0	6.6	0	6.6	Chargeable

CIN, COURSE TITLE: C-646-4109, Weapons Department General Aviation Ordnance

SOURCE: NAVY STUDENT CATEGORY: ACDU-TAR

CY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	50.0	0	50.0	0	50.0	0	50.0	0	50.0	ATIR
0	45.0	0	45.0	0	45.0	0	45.0	0	45.0	Output
0	1.8	0	1.8	0	1.8	0	1.8	0	1.8	AOB
0	1.8	0	1.8	0	1.8	0	1.8	0	1.8	Chargeable

III.A.2.a. EXISTING COURSES

TRAINING ACTIVITY: MTU-4033 NAMTRAU

LOCATION, UIC: NAS North Island, 66065

CIN, COURSE TITLE: E-646-7001, Strike Armament Equipment Intermediate Maintenance

SOURCE: NAVY STUDENT CATEGORY: ACDU-TAR

FY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	64.0	0	64.0	0	64.0	0	64.0	0	64.0	ATIR
0	57.6	0	57.6	0	57.6	0	57.6	0	57.6	Output
0	10.5	0	10.5	0	10.5	0	10.5	0	10.5	AOB
0	10.5	0	10.5	0	10.5	0	10.5	0	10.5	Chargeable

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

SOURCE: NAVY STUDENT CATEGORY: ACDU-TAR

FY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	72.0	0	72.0	0	72.0	0	72.0	0	72.0	ATIR
0	64.8	0	64.8	0	64.8	0	64.8	0	64.8	Output
0	7.9	0	7.9	0	7.9	0	7.9	0	7.9	AOB
0	7.9	0	7.9	0	7.9	0	7.9	0	7.9	Chargeable

CIN, COURSE TITLE: C-646-4109, Weapons Department General Aviation Ordnance

SOURCE: NAVY STUDENT CATEGORY: ACDU-TAR

FY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	72.0	0	72.0	0	72.0	0	72.0	0	72.0	ATIR
0	64.8	0	64.8	0	64.8	0	64.8	0	64.8	Output
0	2.6	0	2.6	0	2.6	0	2.6	0	2.6	AOB
0	2.6	0	2.6	0	2.6	0	2.6	0	2.6	Chargeable

TRAINING ACTIVITY: MTU-4034 NAMTRAU

LOCATION, UIC: MCAS Cherry Point, 66047

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

SOURCE: USMC STUDENT CATEGORY: USMC - AR

FY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	240	0	240	0	240	0	240	0	240	ATIR
0	216	0	216	0	216	0	216	0	216	Output
0	48.1	0	48.1	0	48.1	0	48.1	0	48.1	AOB
0	48.1	0	48.1	0	48.1	0	48.1	0	48.1	Chargeable

III.A.2.a. EXISTING COURSES

TRAINING ACTIVITY: MTU-4035 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

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

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

CY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	72.0	0	72.0	0	72.0	0	72.0	0	72.0	ATIR
0	64.8	0	64.8	0	64.8	0	64.8	0	64.8	Output
0	7.9	0	7.9	0	7.9	0	7.9	0	7.9	AOB
0	7.9	0	7.9	0	7.9	0	7.9	0	7.9	Chargeable

CIN, COURSE TITLE: C-646-4109, Weapons Department General Aviation Ordnance

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

CY01		FY02		FY03		FY04		FY05		
OFF	ENL									
0	72.0	0	72.0	0	72.0	0	72.0	0	72.0	ATIR
0	64.8	0	64.8	0	64.8	0	64.8	0	64.8	Output
0	2.6	0	2.6	0	2.6	0	2.6	0	2.6	AOB
0	2.6	0	2.6	0	2.6	0	2.6	0	2.6	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AIM-9M and, therefore, are not included in this NTSP.

IV.B.1 Training Services

IV.C. Facility Requirements

IV.A. TRAINING HARDWARE

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

TRAINING ACTIVITY: NATTC, AO "A" School
LOCATION, UIC: NAS Pensacola, 63082
CIN, COURSE TITLE: C-646-2011, Aviation Ordnanceman Common Core Class A1
 C-646-2012, Aviation Ordnanceman Navy Difference Training Strand Class A1

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	CNU-435/E	NA	1		GFE	On Hand
002	LAU-7A/A	NA	2		GFE	On Hand
003	LAU-127A/A	NA	2		GFE	On Hand
004	LAU-138/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	

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

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
002	LAU-7A/A	NA	2		GFE	On Hand
003	LAU-127A/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

TRAINING ACTIVITY: SFWS Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading
 E-646-0647, F/A-18 Conventional Release Systems Test

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
002	LAU-7A/A	NA	2		GFE	On Hand
003	LAU-127A/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

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

TRAINING ACTIVITY: SWATSLANT
LOCATION, UIC: NAS Oceana, 47157
CIN, COURSE TITLE: D-646-1644, F-14A/B Conventional Weapons Loading
 D-646-1645, F-14A/B Integrated Weapons Team Refresher Training
 D-646-1646, F-14D Conventional Weapons Loading
 D-646-0648, F-14D Integrated Weapons Team Refresher Training

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
002	LAU-7A/A	NA	2		GFE	On Hand
004	LAU-138/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

TRAINING ACTIVITY: MTU-1007 NAMTRAGRUDET
LOCATION, UIC: NAS Oceana, 66045
CIN, COURSE TITLE: C-646-9962, F-14 Armament Systems Organizational Maintenance (Initial)
 C-646-9963, F-14 Armament Systems Organizational Maintenance (Career)

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
002	LAU-7A/A	NA	2		GFE	On Hand
004	LAU-138/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

TRAINING ACTIVITY: HMT-303 FREST
LOCATION, UIC: MCAS Camp Pendleton, 66063
CIN, COURSE TITLE: C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
002	LAU-7A/A	NA	2		GFE	On Hand
003	AN/AWM-100	NA	1		GFE	On Hand

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

TRAINING ACTIVITY: VMAT-203 FREST
LOCATION, UIC: MCAS Cherry Point, 57080
CIN, COURSE TITLE: C-646-3893, AV-8B Conventional Weapons Loading
 C-646-9888, AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
002	LAU-7A/A	NA	2		GFE	On Hand
003	LAU-127A/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

TRAINING ACTIVITY: MTU-4030 NAMTRAGRUDET
LOCATION, UIC: NS Mayport, 66069
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	CNU-435/E	NA	1		GFE	On Hand

TRAINING ACTIVITY: MTU-4032 NAMTRAU
LOCATION, UIC: NAS Norfolk, 66046
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-3118, Strike Armament Systems Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	CNU-435/E	NA	1		GFE	On Hand
002	LAU-7A/A	NA	2		GFE	On Hand
003	LAU-127A/A	NA	2		GFE	On Hand
004	LAU-138/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand
006	CRALTS	NA	3		GFE	On Hand

TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: NAS North Island, 66065
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-3118, Strike Armament Systems Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	CNU-435/E	NA	1		GFE	On Hand
002	LAU-7A/A	NA	2		GFE	On Hand
003	LAU-127A/A	NA	2		GFE	On Hand
004	LAU-138/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand
006	CRALTS	NA	3		GFE	On Hand

TRAINING ACTIVITY: MTU-4034 NAMTRAU
LOCATION, UIC: MCAS Cherry Point, 66047
CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	CNU-435/E	NA	1		GFE	On Hand
002	LAU-7A/A	NA	4		GFE	On Hand
003	LAU-127A/A	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand
004	CRALTS	NA	6		GFE	On Hand

TRAINING ACTIVITY: MTU-4035 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>ITEM NUMBER</u>	<u>EQUIPMENT</u>	<u>TYPE OR RANGE OF REPAIR PARTS</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>GFE CFE</u>	<u>STATUS</u>
TTE						
001	CNU-435/E	NA	1		GFE	On Hand

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4 and CATM-9M-12

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 uses the WGU-4E/B GCS that is used in the AIM-9M-8 configuration.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
VFA-106 NAS Oceana, 09679	20			On Board	D-2A-0601 D-2A-0602 D-2A-0604 D-2A-0606
VFA-125 NAS Lemoore, 09485	20			On Board	E-2A-0601 E-2A-0602 E-2A-0604 E-2A-0606
VMFAT-101 MCAS Miramar, 09965	28			20 On Board	M13P4B3 M13P3V3 M13P3W3 M13P4C3 M13P3R3 M13P3S3
VMAT-203 MCAS Cherry Point, 45483	20			On Board	M04P4H4 M04P4Q4 M04P4R4
SFWS Atlantic NAS Oceana, 40784	10			On Board	SFARP SFWE D-646-0640 D-646-0647
SFWS Pacific NAS Lemoore, 35185	10			On Board	SFARP SFWE E-646-0640 E-646-0647

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4 and CATM-9M-12

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 uses the WGU-4E/B GCS that is used in the AIM-9M-8 configuration.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
VF-101 NAS Oceana, 09067	20			On Board	D-2A-1601, D-2D-1601 D-2A-1602, D-2D-1602 D-2A-1603, D-2D-1603 D-2A-1604, D-2D-1604 D-2A-1605, D-2D-1605 D-2A-1631, D-2D-1631 D-2A-1634, D-2D-1634 D-2A-1637, D-2D-1637 D-2A-1640, D-2D-1640
SWATSLANT NAS Oceana, 47157	10			On Board	SFARP SFWE D-646-1644 D-646-1645 D-646-1646 D-646-1648
Naval Strike and Air Warfare Center N7 (Topgun) NAS Fallon, 69190	10			On Board	SFTP SFTI
MAWTS 1, MCAS Yuma, 55167	20			On Board	ACTI/ACMI/ DEFTACI/WTI
VFA-22, NAS Lemoore, 09561	10			On Board	T&R/SFTP
VFA-25, NAS Lemoore, 09637	10			On Board	T&R/SFTP
VFA-94, NAS Lemoore, 09295	10			On Board	T&R/SFTP
VFA-97, NAS Lemoore, 63923	10			On Board	T&R/SFTP
VFA-113, NAS Lemoore, 09092	10			On Board	T&R/SFTP
VFA-115, NAS Lemoore, 09604	10			On Board	T&R/SFTP
VFA-137, NAS Lemoore, 55142	10			On Board	T&R/SFTP
VFA-146, NAS Lemoore, 09063	10			On Board	T&R/SFTP
VFA-147, NAS Lemoore, 63925	10			On Board	T&R/SFTP
VFA-151, NAS Lemoore, 09558	10			On Board	T&R/SFTP
VFA-27, NAS Yokosuka, 65185	10			On Board	T&R/SFTP
VFA-154, NAS Yokosuka, 09678	10			On Board	T&R/SFTP

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4 and CATM-9M-12

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 uses the WGU-4E/B GCS that is used in the AIM-9M-8 configuration.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
VFA-192, NAS Yokosuka, 55179	10			On Board	T&R/SFTP
VFA-195, NAS Yokosuka, 09706	10			On Board	T&R/SFTP
VFA-127, NAS Fallon, 08956	10			On Board	T&R/SFTP
VFC-13 (TAR), NAS Fallon, 52995	10			On Board	T&R/SFTP
VFA-15, NAS Oceana, 09015	10			On Board	T&R/SFTP
VFA-34, NAS Oceana, 09070	10			On Board	T&R/SFTP
VFA-37, NAS Oceana, 09478	10			On Board	T&R/SFTP
VFA-81, NAS Oceana, 09221	10			On Board	T&R/SFTP
VFA-82, MCAS Beaufort, 09122	10			On Board	T&R/SFTP
VFA-83, NAS Oceana, 09223	10			On Board	T&R/SFTP
VFA-86, MCAS Beaufort, 09943	10			On Board	T&R/SFTP
VFA-87, NAS Oceana, 63922	10			On Board	T&R/SFTP
VFA-105, NAS Oceana, 65183	10			On Board	T&R/SFTP
VFA-131, NAS Oceana, 63934	10			On Board	T&R/SFTP
VFA-136, NAS Oceana, 55141	10			On Board	T&R/SFTP
VFC-12 (TAR), NAS Oceana, 52994	10			On Board	T&R/SFTP
VFA-201 (TAR), NAS/JRB Ft. Worth, 09309	10			On Board	T&R/SFTP
VFA-203 (TAR), NAS/JRB Atlanta, 09030	10			On Board	T&R/SFTP
VFA-204 (TAR), NAS/JRB New Orleans, 09032	10			On Board	T&R/SFTP
VX-1, NAS Patuxent River, 55600	10			On Board	T&R/SFTP
VX-9, NAWCWD China Lake, 55646	10			On Board	T&R/SFTP
VX-9 Det, NAWCWD Point Mugu, 09830	10			On Board	T&R/SFTP
NAVWPNTSTRON China Lake, 39787	10			On Board	T&R/SFTP
NAVWPNTSTRON Point Mugu, 39788	10			On Board	T&R/SFTP
NAVSTKAIRSTRON, NAS Patuxent River, 39783	10			On Board	T&R/SFTP
VMFA-115, MCAS Beaufort, 09234	10			On Board	T&R
VMFA-122, MCAS Beaufort, 09407	10			On Board	T&R

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4 and CATM-9M-12

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 uses the WGU-4E/B GCS that is used in the AIM-9M-8 configuration.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
VMFA-251, MCAS Beaufort, 09241	10			On Board	T&R
VMFA-312, MCAS Beaufort, 09253	10			On Board	T&R
VMFA(AW)-224, MCAS Beaufort, 01224	18			10 On Board	T&R
VMFA(AW)-332, MCAS Beaufort, 09501	18			10 On Board	T&R
VMFA(AW)-533, MCAS Beaufort, 09193	18			10 On Board	T&R
VMFA-212, MCAS Iwakuni, 09434	10			On Board	T&R
VMFA-232, MCAS Miramar, 09242	10			On Board	T&R
VMFA-235, , MCAS Miramar, 09237	10			On Board	T&R
VMFA-314, MCAS Miramar, 09230	10			On Board	T&R
VMFA-323, MCAS Miramar, 09235	10			On Board	T&R
VMFA(AW)-121, MCAS Miramar, 09257	18			10 On Board	T&R
VMFA(AW)-225, MCAS Miramar, 09232	18			10 On Board	T&R
VMFA(AW)-242, MCAS Miramar, 09668	18			10 On Board	T&R
VMFA-112 (AR), JRB/NAS Ft. Worth, 08954	10			On Board	T&R
VMFA-134 (AR), MCAS Miramar, 09365	10			On Board	T&R
VMFA-142 (AR), JRB/NAS Atlanta, 67243	10			On Board	T&R
VMFA-321 (AR), NAF Washington (Andrews AFB), 67235	10			On Board	T&R
Naval Strike and Air Warfare Center (Strike U) NAS Fallon	10			On Board	T&R
VF-14, NAS Oceana, 09084	10			On Board	T&R/SFTP
VF-32, NAS Oceana, 09053	10			On Board	T&R/SFTP
VF-41, NAS Oceana, 09774	10			On Board	T&R/SFTP
VF-154, NAS Oceana, 09678	10			On Board	T&R/SFTP
VF-211, NAS Oceana, 09086	10			On Board	T&R/SFTP

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4 and CATM-9M-12

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 uses the WGU-4E/B GCS that is used in the AIM-9M-8 configuration.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
VF-213, NAS Oceana, 09934	10			On Board	T&R/SFTP
VF-2, NAS Oceana, 09113	10			On Board	T&R/SFTP
VF-11, NAS Oceana, 09560	10			On Board	T&R/SFTP
VF-102, NAS Oceana, 09717	10			On Board	T&R/SFTP
VF-103, NAS Oceana, 09718	10			On Board	T&R/SFTP
VF-143, NAS Oceana, 09281	10			On Board	T&R/SFTP
VMA-223, MCAS Cherry Point, 09438	10			On Board	T&R
VMA-231, MCAS Cherry Point, 52948	10			On Board	T&R
VMA-542, MCAS Cherry Point, 52487	10			On Board	T&R
VMA-211, MCAS Yuma, 09412	10			On Board	T&R
VMA-214, MCAS Yuma, 09436	10			On Board	T&R
VMA-311, MCAS Yuma, 09416	10			On Board	T&R
VMA-513, MCAS Yuma, 09231	10			On Board	T&R
HMT-303, MCAS Camp Pendleton, 55176	10			On Board	T&R
HMLA-169, MCAS Camp Pendleton, 09202	4			On Board	T&R
HMLA-267, MCAS Camp Pendleton, 09159	4			On Board	T&R
HMLA-367, MCAS Camp Pendleton, 09079	4			On Board	T&R
HMLA-369, MCAS Camp Pendleton, 09361	4			On Board	T&R
HMLA-167, MCAS New River, 09167	4			On Board	T&R
HMLA-269, MCAS New River, 08998	4			On Board	T&R
HMLA-775 (AR) , MCAS New River, 55252	4			On Board	T&R
STRIKE Armament	10			On Board	
TOTAL: (86% Asset Readiness)	1014				
TOTAL: (100% Asset Readiness)	1179				

IV.A.2. TRAINING DEVICES

DEVICE: Dummy Air Training Missile, DATM-9M

DESCRIPTION OF DEVICE: The DATM is physically representative of the AIM-9M. It is a training device to facilitate instruction and familiarization for transporting, handling, loading, and visual inspection procedures for organizational- and intermediate-level training purposes. The DATM is not certified for flight, and is designed for ground training use only.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
MTU-4030, NAMTRAGRUDET NAS Mayport, 66069	2			On Board	C-122-3111 C-646-4108 C-646-4109
MTU-4032, NAMTRAU NAS Norfolk, 66046	2			On Board	C-122-3111 C-646-4108 C-646-4109
MTU-4033, NAMTRAU NAS North Island, 66065	2			On Board	C-122-3111 C-646-4108 C-646-4109
MTU-4034, NAMTRAU MCAS Cherry Point, 66047	2			On Board	C-646-3105
MTU-4035, NAMTRAU NAS Whidbey Island, 66058	2			On Board	C-122-3111
NATTC, AO A1 School NAS Pensacola, 63082	2			On Board	C-646-2011A C-646-2012A
NAF Washington Andrews AFB, Maryland, 00166	1			On Board	F/A-18 Conventional Weapons Loading
NAS Atlanta Marietta, Georgia, 00196	2			On Board	F/A-18 Conventional Weapons Loading
NAS/Joint Reserve Base (JRB) New Orleans New Orleans, Louisiana, 00206	1			On Board	F/A-18 Conventional Weapons Loading
NAS/JRB Fort Worth Fort Worth, Texas, 00215	2			On Board	F/A-18 Conventional Weapons Loading
SFWSL NAS Cecil Field, 47084	2			On Board	D-646-0640
SFWSP NAS Lemoore, 35185	2			On Board	E-646-0640
SWATSLANT NAS Oceana, 47157	2			On Board	D-646-1642
VF-101 NAS Oceana, 09067	2			On Board	D-646-1642

IV.A.2. TRAINING DEVICES

DEVICE: Dummy Air Training Missile, DATM-9M

DESCRIPTION OF DEVICE: The DATM is physically representative of the AIM-9M. It is a training device to facilitate instruction and familiarization for transporting, handling, loading, and visual inspection procedures for organizational- and intermediate-level training purposes. The DATM is not certified for flight, and is designed for ground training use only.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
VMAT-203 FREST MCAS Cherry Point, 57080	2			On Board	C-646-3893 F/A-18 Conventional Weapons Loading C-646-4107
HMT-303 FREST MCAS Camp Pendleton, 66063	1			On Board	C-646-9361
MTU-1007 NAMTG Oceana, 66045	2			On Board	C-646-9962 C-646-9963
TOTAL:	32				

IV.A.2. TRAINING DEVICES

DEVICE: Practical Explosive Ordnance Disposal System Trainer (PEST)

DESCRIPTION OF DEVICE: 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 Procedures. For AIM-9M, the PEST requirement is satisfied by inert components from various Sidewinder missiles.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
NAVSCOLEOD Eglin AFB, 62640	3			On Board	A-431-0011 A-431-0012
EODTEU ONE San Diego, 30202	1			On Board	G-431-0001
EODTEU TWO Fort Story, 43505	1			On Board	G-431-0001
TOTAL:	5				

DEVICE: Classroom Explosive Ordnance Disposal System Trainer (CEST)

DESCRIPTION OF DEVICE: The AIM-9M CEST is a full-scale, inert replica of the tactical AIM-9M with cut-away areas exposing the explosive train components. EOD instructors use the CEST to teach EOD personnel missile Rendering Safe Procedures.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

<u>TRAINING ACTIVITY LOCATION, UIC</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>RFT DATE</u>	<u>STATUS</u>	<u>COURSES SUPPORTED</u>
NAVSCOLEOD Eglin AFB, 62640	1			On Board	A-431-0011 A-431-0012
TOTAL:	1				

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY: VMFAT-101
LOCATION, UIC: MCAS Miramar, 45526
CIN, COURSE TITLE: M13P4B3, F/A-18 Fleet Replacement Pilot Basic and Transition
M13P3V3, F/A-18 Fleet Replacement Pilot Refresher
M13P3W3, F/A-18 Fleet Replacement Pilot Modified Refresher
M13P4C3, F/A-18 WSO Basic and Transition
M13P3R3, F/A-18 WSO Refresher
M13P3S3, F/A-18 WSO Modified Refresher

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY: VMAT-203
LOCATION, UIC: MCAS Cherry Point, 45483
CIN, COURSE TITLE: M04P4H4, AV-8B Fleet Replacement Pilot Basic and Transition
M04P4Q4, AV-8B Fleet Replacement Pilot Refresher
M04P4R4, AV-8B Fleet Replacement Pilot Modified Refresher

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand
TRAINING ACTIVITY: VF-101			
LOCATION, UIC: NAS Oceana, 09067			
CIN, COURSE TITLE: D-2A-1601, F-14 Fleet Replacement Pilot Cat 1			
D-2A-1602, F-14 Fleet Replacement Pilot Cat 2			
D-2A-1603, F-14 Fleet Replacement Pilot Cat 3			
D-2A-1604, F-14 Fleet Replacement Pilot Cat 4			
D-2A-1605, F-14 Fleet Replacement Pilot Cat 5			
D-2D-1601, F-14 Naval Flight Officer Cat 1			
D-2D-1602, F-14 Naval Flight Officer Cat 2			
D-2D-1603, F-14 Naval Flight Officer Cat 3			
D-2D-1604, F-14 Naval Flight Officer Cat 4			
D-2D-1605, F-14 Naval Flight Officer Cat 5			
D-2A-1631			
D-2A-1634			
D-2A-1637			
D-2A-1640			
D-2D-1631			
D-2D-1634			
D-2D-1637			
D-2D-1640			

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand
TRAINING ACTIVITY: Strike Weapons And Tactics School Atlantic			
LOCATION, UIC: NAS Oceana, 47157			
CIN, COURSE TITLE: Strike Fighter Advanced Readiness Program (SFARP)			
Strike Fighter Weapons Employment (SFWE)			

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY: MAWTS 1
LOCATION, UIC: MCAS Yuma, 55167
CIN, COURSE TITLE: Air Combat Maneuvering Instructor (ACMI)
 Air Combat Tactics Instructor (ACTI)
 Defensive Tactics Instructor (DEFTACI)
 Weapons and Tactics Instructor (WTI)

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: F/A-18 Squadrons

LOCATION, UIC: See Below

CIN, COURSE TITLE: SFTP and Training & Readiness (T&R)

<u>TYPES OF MATERIAL OR AID:</u>	<u>QUANT</u> <u>REQD</u>	<u>DATE</u> <u>REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW			
VFA-22, NAS Lemoore, 09561	1 Set		On Hand
VFA-25, NAS Lemoore, 09637	1 Set		On Hand
VFA-94, NAS Lemoore, 09295	1 Set		On Hand
VFA-97, NAS Lemoore, 63923	1 Set		On Hand
VFA-113, NAS Lemoore, 09092	1 Set		On Hand
VFA-115, NAS Lemoore, 09604	1 Set		On Hand
VFA-137, NAS Lemoore, 55142	1 Set		On Hand
VFA-146, NAS Lemoore, 09063	1 Set		On Hand
VFA-147, NAS Lemoore, 63925	1 Set		On Hand
VFA-151, NAS Lemoore, 09558	1 Set		On Hand
VFA-27, NAS Yokosuka, 65185	1 Set		On Hand
VFA-154, NAS Yokosuka, 09678	1 Set		On Hand
VFA-192, NAS Yokosuka, 55179	1 Set		On Hand
VFA-195, NAS Yokosuka, 09706	1 Set		On Hand
VFA-127, NAS Fallon, 08956	1 Set		On Hand
VFC-13 (TAR), NAS Fallon, 52995	1 Set		On Hand
VFA-15, MCAS Beaufort, 09015	1 Set		On Hand
VFA-34, NAS Oceana, 09070	1 Set		On Hand
VFA-37, NAS Oceana, 09478	1 Set		On Hand
VFA-81, NAS Oceana, 09221	1 Set		On Hand
VFA-82, NAS Oceana, 09122	1 Set		On Hand
VFA-83, NAS Oceana, 09223	1 Set		On Hand
VFA-86, NAS Oceana, 09943	1 Set		On Hand
VFA-87, MCAS Beaufort, 63922	1 Set		On Hand
VFA-105, NAS Oceana, 65183	1 Set		On Hand
VFA-131, NAS Oceana, 63934	1 Set		On Hand
VFA-136, NAS Oceana, 55141	1 Set		On Hand
VFC-12 (TAR), NAS Oceana, 52994	1 Set		On Hand
VFA-203 (TAR), NAS Atlanta, 09030	1 Set		On Hand
VFA-204 (TAR), NAS JRB New Orleans, 09032	1 Set		On Hand
VX-1, NAS Patuxent River, 55600	1 Set		On Hand
VX-9, NAWCWD China Lake, 55646	1 Set		On Hand
VX-9 Det, NAWCWD Point Mugu, 09830	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: F/A-18 Squadrons

LOCATION, UIC: See Below

CIN, COURSE TITLE: Squadron Training (T&R)

<u>TYPES OF MATERIAL OR AID:</u> SFTS AIM-9M ICW	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
VMFA-115, MCAS Beaufort, 09234	1 Set		On Hand
VMFA-122, MCAS Beaufort, 09407	1 Set		On Hand
VMFA-251, MCAS Beaufort, 09241	1 Set		On Hand
VMFA-312, MCAS Beaufort, 09253	1 Set		On Hand
VMFA(AW)-224, MCAS Beaufort, 01224	1 Set		On Hand
VMFA(AW)-332, MCAS Beaufort, 09501	1 Set		On Hand
VMFA(AW)-533, MCAS Beaufort, 09193	1 Set		On Hand
VMFA-212, MCAS Miramar, 09434	1 Set		On Hand
VMFA-232, MCAS Miramar, 09242	1 Set		On Hand
VMFA-235, , MCAS Miramar, 09237	1 Set		On Hand
VMFA-314, MCAS Miramar, 09230	1 Set		On Hand
VMFA-323, MCAS Miramar, 09235	1 Set		On Hand
VMFA(AW)-121, MCAS Miramar,	1 Set		On Hand
VMFA(AW)-225, MCAS Miramar, 09232	1 Set		On Hand
VMFA-112 (AR), 08954	1 Set		On Hand
VMFA-134 (AR), 09365	1 Set		On Hand
VMFA-142 (AR), 67243	1 Set		On Hand
VMFA-321 (AR), 67235	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: F-14 Squadrons

LOCATION, UIC: See Below

CIN, COURSE TITLE: Squadron Training (T&R)

<u>TYPES OF MATERIAL OR AID:</u> SFTS AIM-9M ICW	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
VF-14, NAS Oceana, 09084	1 Set		On Hand
VF-32, NAS Oceana, 09053	1 Set		On Hand
VF-41, NAS Oceana, 09774	1 Set		On Hand
VF-154, NAS Oceana, 09678	1 Set		On Hand
VF-211, NAS Oceana, 09086	1 Set		On Hand
VF-213, NAS Oceana, 09934	1 Set		On Hand
VF-2, NAS Oceana, 09113	1 Set		On Hand
VF-11, NAS Oceana, 09560	1 Set		On Hand
VF-102, NAS Oceana, 09717	1 Set		On Hand
VF-103, NAS Oceana, 09718	1 Set		On Hand
VF-143, NAS Oceana, 09281	1 Set		On Hand

TRAINING ACTIVITY: AV-8 Squadrons

LOCATION, UIC: See Below

CIN, COURSE TITLE: Squadron Training (T&R)

<u>TYPES OF MATERIAL OR AID:</u> SFTS AIM-9M ICW	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
VMAT-203, MCAS Cherry Point, 45483	1 Set		On Hand
VMA-223, MCAS Cherry Point, 09438	1 Set		On Hand
VMA-231, MCAS Cherry Point, 52948	1 Set		On Hand
VMA-542, MCAS Cherry Point, 52487	1 Set		On Hand
VMA-211, MCAS Yuma, 09412	1 Set		On Hand
VMA-214, MCAS Yuma, 09436	1 Set		On Hand
VMA-311, MCAS Yuma, 09416	1 Set		On Hand
VMA-513, MCAS Yuma, 09231	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: AH-1 Squadrons

LOCATION, UIC: See Below

CIN, COURSE TITLE: Squadron Training (T&R)

<u>TYPES OF MATERIAL OR AID:</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
SFTS AIM-9M ICW			
HMT-303, MCAS Camp Pendleton, 55176	1 Set		On Hand
HMLA-169, MCAS Camp Pendleton, 09202	1 Set		On Hand
HMLA-267, MCAS Camp Pendleton, 09159	1 Set		On Hand
HMLA-367, MCAS Camp Pendleton, 09079	1 Set		On Hand
HMLA-369, MCAS Camp Pendleton, 09361	1 Set		On Hand
HMLA-167, MCAS New River, 09167	1 Set		On Hand
HMLA-269, MCAS New River, 08998	1 Set		On Hand
HMLA-775 (AR), MCAS New River, 55252	1 Set		On Hand

TRAINING ACTIVITY: NATTC, AO "A" School

LOCATION, UIC: NAS Pensacola, 63082

CIN, COURSE TITLE: C-646-2011, Aviation Ordnance Common Core Class A1
C-646-2012, Aviation Ordnanceman Navy Difference Training Strand

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: SFWS Atlantic

LOCATION, UIC: NAS Oceana, 47084

CIN, COURSE TITLE: D-646-0640, F/A-18 Conventional Weapons Loading
D-646-0647, F/A-18 Conventional Release System Test

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: SFWS Pacific

LOCATION, UIC: NAS Lemoore, 35185

CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading
E-646-0647, F/A-18 Conventional Release System Test

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: SWATSLANT
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: D-646-1644, F-14A/B Conventional Weapons Loading
 D-646-1645, F-14A/B Integrated Weapons Team Refresher Training
 D-646-1646, F-14D Conventional Weapons Loading
 D-646-0648, F-14D Integrated Weapons Team Refresher Training

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-1007 NAMTRAGRUDET
LOCATION, UIC: NAS Oceana, 66045
CIN, COURSE TITLE: C-646-9962, F-14 Armament Systems Organizational Maintenance (Initial)
 C-646-9963, F-14 Armament Systems Organizational Maintenance (Career)

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: HMT-303 FREST
LOCATION, UIC: MCAS Camp Pendleton, 66063
CIN, COURSE TITLE: C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: VMAT-203 FREST
LOCATION, UIC: MCAS Cherry Point, 57080
CIN, COURSE TITLE: C-646-3893, AV-8B Conventional Weapons Loading
 C-646-9888, AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-4030 NAMTRAGRUDET
LOCATION, UIC: NS Mayport, 66069
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU-4032 NAMTRAU
LOCATION, UIC: NAS Norfolk, 66046
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-3118, Strike Armament Systems Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: NAS North Island, 66065
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-3118, Strike Armament Systems Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-4034 NAMTRAU
LOCATION, UIC: MCAS Cherry Point, 66047
CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-4035 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Training Package	1 Set		On Hand

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

<u>TYPE OF MATERIAL OR AID</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
AIM-9M Source Data	1 Set		On Hand

IV.B.3. TECHNICAL MANUALS

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

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

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

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

NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: SFWS Atlantic
LOCATION, UIC: NAS Oceana, 40784
CIN, COURSE TITLE: SFARP
SFWE

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

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: SFWS Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: SFARP
SFWE

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

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: VMFAT-101
LOCATION, UIC: MCAS Miramar, 45526
CIN, COURSE TITLE: M13P4B3, F/A-18 Fleet Replacement Pilot Basic and Transition
M13P3V3, F/A-18 Fleet Replacement Pilot Refresher
M13P3W3, F/A-18 Fleet Replacement Pilot Modified Refresher
M13P4C3, F/A-18 WSO Basic and Transition
M13P3R3, F/A-18 WSO Refresher
M13P3S3, F/A-18 WSO Modified Refresher

NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6	On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6	On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6	On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6	On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: VF-101
LOCATION, UIC: NAS Oceana, 09067
CIN, COURSE TITLE: D-2A-1601, F-14 Fleet Replacement Pilot Cat 1
D-2A-1602, F-14 Fleet Replacement Pilot Cat 2
D-2A-1603, F-14 Fleet Replacement Pilot Cat 3
D-2A-1604, F-14 Fleet Replacement Pilot Cat 4
D-2A-1605, F-14 Fleet Replacement Pilot Cat 5
D-2D-1601, F-14 Naval Flight Officer Cat 1
D-2D-1602, F-14 Naval Flight Officer Cat 2
D-2D-1603, F-14 Naval Flight Officer Cat 3
D-2D-1604, F-14 Naval Flight Officer Cat 4
D-2D-1605, F-14 Naval Flight Officer Cat 5
D-2A-1631
D-2A-1634
D-2A-1637
D-2A-1640
D-2D-1631
D-2D-1634
D-2D-1637
D-2D-1640

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
NATOPS Flight Manual Navy Model F-14 A/B/D, 01-F14AAA-1	Hard copy	6		On Board
NATOPS Pocket Checklist, 01-F14AAA-1B	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T (Air to Air)	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T-1 (Air to Ground)	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: Strike Weapons And Tactics School Atlantic
LOCATION, UIC: NAS Oceana, 47157
CIN, COURSE TITLE: Strike Fighter Advanced Readiness Program (SFARP)
 Strike Fighter Weapons Employment (SFWE)

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REOD</u>	<u>DATE REOD</u>	<u>STATUS</u>
NATOPS Flight Manual Navy Model F-14 A/B/D, 01-F14AAA-1	Hard copy	6		On Board
NATOPS Pocket Checklist, 01-F14AAA-1B	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T (Air to Air)	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T-1 (Air to Ground)	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

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

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REOD</u>	<u>DATE REOD</u>	<u>STATUS</u>
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On Board
NATOPS Flight Manual Navy Model F-14 A/B/D, 01-F14AAA-1	Hard copy	6		On Board
NATOPS Pocket Checklist, 01-F14AAA-1B	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T (Air to Air)	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T-1 (Air to Ground)	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MAWTS 1
LOCATION, UIC: MCAS Yuma, 55167
CIN, COURSE TITLE: Air Combat Maneuvering Instructor (ACMI)
 Air Combat Tactics Instructor (ACTI)
 Defensive Tactics Instructor (DEFTACI)
 Weapons and Tactics Instructor (WTI)

NATOPS Flight Manual, A1-AV8BB-NFM-000	Hard copy	6	On Board
NATOPS Pocket Checklist, A1-AV8BB-NFM-500	Hard copy	6	On Board
Tactical Manual, A1-AV8BB-TAC-000 VOL 1	Hard copy	6	On Board
Tactical Manual, A1-AV8BB-TAC-050 VOL 2	Hard copy	6	On Board
Tactical Manual Pocket Guide, A1-AV8BB-TAC-300	Hard copy	6	On Board
NATOPS Flight Manual, 01-H1-AAC-1F	Hard copy	6	On Board
NATOPS Pocket Checklist, 01-H1-AAC-1B	Hard copy	6	On Board
Tactical Manual, 01-110-HC-1T	Hard copy	6	On Board
Tactical Manual Pocket Guide, 01-110-HC-1T (B)	Hard copy	6	On Board
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6	On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6	On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6	On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6	On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: VMAT-203
LOCATION, UIC: MCAS Cherry Point, 45483
CIN, COURSE TITLE: M04P4H4, AV-8B Fleet Replacement Pilot Basic and Transition
M04P4Q4, AV-8B Fleet Replacement Pilot Refresher
M04P4R4, AV-8B Fleet Replacement Pilot Modified Refresher

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
NATOPS Flight Manual, A1-AV-8BB-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-AV-8BB-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-AV-8BB-TAC-000, VOL 1	Hard copy	6		On Board
Tactical Manual, A1-AV-8BB-TAC-050, VOL 2	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-AV-8BB-TAC-300	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: HMT-303
LOCATION, UIC: MCAS Camp Pendleton, 55176
CIN, COURSE TITLE: M23P4N1, AH-1 Fleet Replacement Pilot Basic and Transition
M23P3M1, AH-1 Fleet Replacement Pilot Refresher
M23P3X1, AH-1 Fleet Replacement Pilot Modified Refresher

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
NATOPS Flight Manual, 01-H1-AAC-1F	Hard copy	6		On Board
NATOPS Pocket Checklist, 01-H1-AAC-1B	Hard copy	6		On Board
Tactical Manual, 01-110-HC-1T	Hard copy	6		On Board
Tactical Manual Pocket Guide, 01-110-HC-1T (B)	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

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

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons/Stores Loading Manual, A1-F18AE-LWS-000	Hard copy	10		On Board
Release & Control (Missiles), Air to Air A1-F18AE-LWS-210	Hard copy	10		On Board
AIM-9/Sidewinder/TACTS/SAIP POD A1-F18AE-LWS-530	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: SFWS Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading
 E-646-0647, F/A-18 Conventional Release System Test

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons/Stores Loading Manual, A1-F18AE-LWS-000	Hard copy	10		On Board
Release & Control (Missiles), Air to Air A1-F18AE-LWS-210	Hard copy	10		On Board
AIM-9/Sidewinder/TACTS/SAIP POD A1-F18AE-LWS-530	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: SWATSLANT
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: D-646-1644, F-14A/B Conventional Weapons Loading
 D-646-1645, F-14A/B Integrated Weapons Team Refresher Training
 D-646-1646, F-14D Conventional Weapons Loading
 D-646-0648, F-14D Integrated Weapons Team Refresher Training

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons/Stores Loading Manual, F-14 A/B/D, 01-F14AAA-75	Hard copy	10		On Board
Release & Control F-14 A/B (Basic), 01-F14AAA-75-1A1	Hard copy	10		On Board
Release & Control F-14 A/B (Missiles), 01-F14AAA-75-1A2	Hard copy	10		On Board
Release & Control F-14 D (Basic), 01-F14AAD-75-1A1	Hard copy	10		On Board
Release & Control F-14 D (Missiles), 01-F14AAD-75-1A2	Hard copy	10		On Board
AIM-9 (Sidewinder) TACTS/SAIP POD (F-14 A/B/D) 01-F14AAA-75-20	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU-1007 NAMTRAGRUDET
LOCATION, UIC: NAS Oceana, 66045
CIN, COURSE TITLE: C-646-9962, F-14 Armament Systems Organizational Maintenance (Initial)
 C-646-9963, F-14 Armament Systems Organizational Maintenance (Career)

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons/Stores Loading Manual, F-14 A/B/D, 01-F14AAA-75	Hard copy	10		On Board
Release & Control F-14 A/B (Basic), 01-F14AAA-75-1A1	Hard copy	10		On Board
Release & Control F-14 A/B (Missiles), 01-F14AAA-75-1A2				
Release & Control F-14 D (Basic), 01-F14AAD-75-1A1				
Release & Control F-14 D (Missiles), 01-F14AAD-75-1A2				
AIM-9 (Sidewinder) TACTS/SAIP POD (F-14 A/B/D) 01-F14AAA-75-20	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: HMT-303 FREST
LOCATION, UIC: MCAS Camp Pendleton, 66063
CIN, COURSE TITLE: C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance

<u>TYPE OF MATERIAL OR AID</u>		<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons Stores Loading Manual, 01-H1AAC-75	Hard copy	10		On Board
Release & Control (Basic), 01-H1AAC-75-1A1	Hard copy	10		On Board
Release & Control (Missiles), Air to Air 01-H1AAC-75-1A2	Hard copy	10		On Board
AIM-9M/AGM-122A/TACTS POD 01-H1AAC-75-20	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: VMAT-203 FREST
LOCATION, UIC: MCAS Cherry Point, 57080
CIN, COURSE TITLE: C-646-3893, AV-8B Conventional Weapons Loading
 C-646-9888, AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Airborne Weapons Stores Loading Manual, A1-AV8BB-LWS-000	Hard copy	10		On Board
Release & Control (Basic), A1-AV8BB-LWS-200	Hard copy	10		On Board
Release & Control (Missiles), Air to Air A1-AV8BB-LWS-210	Hard copy	10		On Board
AGM-122/AIM-9 Instrument Packages A1-AV8BB-LWS-530	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU-4030 NAMTRAGRUDET
LOCATION, UIC: NS Mayport, 66069
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I, NA 11-120A-1.1	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II, NA 11-120A-1.2	Hard copy	13		On Board
Guided Missile, AIM-9 Sidewinder, Ship Weapon Installation Manual, NA 11-120-23	Hard copy	13		On Board
Airborne Weapons Handling Equipment (Shipboard), NAVAIR 19-100-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU-4032 NAMTRAU
LOCATION, UIC: NAS Norfolk, 66046
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-3118, Strike Armament Systems Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REOD</u>	<u>DATE REOD</u>	<u>STATUS</u>
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I, NA 11-120A-1.1	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II, NA 11-120A-1.2	Hard copy	13		On Board
Guided Missile, AIM-9 Sidewinder, Ship Weapon Installation Manual, NA 11-120-23	Hard copy	13		On Board
Airborne Weapons Handling Equipment (Shipboard), NAVAIR 19-100-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-127A/A Series NA	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-138/A Series NA	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: NAS North Island, 66065
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-3118, Strike Armament Systems Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REOD</u>	<u>DATE REOD</u>	<u>STATUS</u>
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I, NA 11-120A-1.1	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II, NA 11-120A-1.2	Hard copy	13		On Board
Guided Missile, AIM-9 Sidewinder, Ship Weapon Installation Manual, NA 11-120-23	Hard copy	13		On Board
Airborne Weapons Handling Equipment (Shipboard), NAVAIR 19-100-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-127A/A Series NA	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-138/A Series NA	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU-4034 NAMTRAU
LOCATION, UIC: MCAS Cherry Point, 66047
CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: MTU-4035 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
 C-646-4109, Weapons Department General Aviation Ordnance

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I, NA 11-120A-1.1	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II, NA 11-120A-1.2	Hard copy	13		On Board
Guided Missile, AIM-9 Sidewinder, Ship Weapon Installation Manual, NA 11-120-23	Hard copy	13		On Board
Airborne Weapons Handling Equipment (Shipboard), NAVAIR 19-100-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

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

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Explosive Ordnance Disposal Book, EODB6OG-02-2-34-5	CD-ROM	150		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.3. TECHNICAL MANUALS

TRAINING ACTIVITY: EODTEU ONE
LOCATION, UIC: San Diego CA, 30202
CIN, COURSE TITLE: G-431-0001, EOD Pre-deployment Team Training

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Explosive Ordnance Disposal Book, EODB6OG-02-2-34-5	CD-ROM	4		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

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

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QUANT REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
Explosive Ordnance Disposal Book, EODB6OG-02-2-34-5	CD-ROM	4		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PMA205	Commence analysis of manpower personnel and training requirements	May 86	Complete
PMA205	Promulgate Draft NTP to ALCON for Review and Comment	Jan 87	Complete
PMA205	Proposed NTP A-50-8105A Submitted to OPNAV	May 87	Complete
N889	Approve and Promulgate NTP A-50-8105A	Sep 89	Complete
OPTEVFOR	Commence AIM-9M-8 OPEVAL	May 93	Complete
PMA259	AIM-9M-8 CGS Retrofit Kit Contract Awarded	FY 94	Complete
PMA205	Curricula Materials Delivered	Jan 94	Complete
PMA205/NSAWC	Commence AIM-9M-8 Initial Training	Sep 94	Complete
PMA259	Fleet Introduction	May 95	Complete
N889	Approve and Promulgate NTP A-50-8105B	Jan 97	Complete
PMA205	Promulgate Draft NTSP to ALCON for Review and Comment	Jul 01	Complete
N789	Approve and Promulgate N78-NTSP-A-50-8105C	Sep 01	

PART VI - ACTION ITEMS / ACTION REQUIRED

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