



**NAVY TRAINING SYSTEM PLAN**

**FOR THE**

**EA-18G**

**AIRBORNE ELECTRONIC ATTACK**

**AIRCRAFT**

**N78-NTSP-A-50-0303/D**

**NOVEMBER 2003**

**EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT****EXECUTIVE SUMMARY**

This Navy Training System Plan addresses the manpower, personnel, and training requirements associated with the EA-18G Airborne Electronic Attack (AEA) Aircraft, the fourth major variant of the F/A-18 Aircraft. The EA-18G will serve as the Navy's replacement for the aging EA-6B Aircraft, providing a capability to detect, identify, locate, and suppress hostile emitters. The EA-18G will provide enhanced connectivity to National, Theater, and strike assets, and will provide organic precision emitter targeting for employment of onboard suppression weapons. The EA-18G will incorporate the elements of the F/A-18F airframe structure with the EA-6B Improved Capability (ICAP)-III AEA mission package. The Marine Corps will continue to employ the EA-6B until a decision on a replacement aircraft is made during the Program Objective Memorandum 2006 process. The EA-18G program is scheduled for a Defense Acquisition System Milestone B decision in November 2003 (Authority to Enter the System Development and Demonstration Phase). EA-18G Initial Operating Capability is planned for Fiscal Year (FY) 09.

The prime contractor, McDonnell Douglas Corporation -a wholly owned subsidiary of the Boeing Corporation, will provide initial training for personnel to support Developmental Test and Evaluation, Operational Test and Evaluation, and cadre aircrew and maintenance instructors.

One Pilot and one Naval Flight Officer (NFO) will be required to operate the EA-18G. The NFO will be identified as an Electronic Countermeasures Officer. Follow-on Pilot and NFO training is planned to be conducted at the EA-18G Fleet Readiness Squadron, Whidbey Island, Washington. The first follow-on aircrew courses will be Ready For Training (RFT) in FY08.

Due to the similarity between the F/A-18F and the EA-18G Aircraft, EA-18G organizational level maintenance personnel, with the exception of the Aviation Ordnanceman (AO) and Aviation Electronics Technician (AT) ratings, will attend existing F/A-18E/F maintenance training provided by Maintenance Training Unit (MTU) 1038, Naval Air Station (NAS) Lemoore, California. Graduates will be awarded Navy Enlisted Classification (NEC) 8841 or 8341 as applicable. Existing F/A-18E/F organizational level maintenance training is currently available.

EA-18G organizational level maintenance personnel in the AO and AT ratings will attend new EA-18G specific training at the MTU, NAS Whidbey Island. Graduates will be awarded a new EA-18G specific NEC 88XX or 83XX as applicable. The new AO and AT organizational level maintenance training tracks will be RFT in FY08.

An overall reduction in manpower will be realized in the AEA community with the introduction of the EA-18G. Currently, there are 16 four-aircraft EA-6B squadrons. They will be replaced by, 9 five-aircraft EA-18G squadrons and one six-aircraft forward-deployed squadron.

**EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT**

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## EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT

### LIST OF ACRONYMS

ACDU	Active Duty
AD	Aviation Machinist's Mate
AE	Aviation Electrician's Mate
AEA	Airborne Electronic Attack
AECTS	Aircraft Engine Components Test Stand
AESA	Active Electronically Scanned Array
AFB	Air Force Base
AIMD	Aircraft Intermediate Maintenance Department
ALSP	Acquisition Logistics Support Plan
AM	Aviation Structural Mechanic
AMAD	Airframe Mounted Auxiliary Drive
AMC	Advanced Mission Computer
AME	Aviation Structural Mechanic (Safety Equipment)
AMRAAM	Advanced Medium Range Air-to-Air Missile
AMT	Avionics System Maintenance Trainer
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
AOB	Average Onboard
APML	Assistant Program Manager, Logistics
APMTS	Assistant Program Manager, Training Systems
ASPA	Aircraft Service Period Adjustment
AT	Aviation Electronics Technician
ATE	Automatic Test Equipment
ATIR	Annual Training Input Requirement
ATS	Avionics Test Set
BCM	Beyond the Capability of Maintenance
BIT	Built-In Test
CAI	Computer-Aided Instruction
CALS	Continuous Acquisition and Life Cycle Support
CASS	Consolidated Automated Support System
CATEX	Categorical Exclusions
CBT	Computer-Based Training
CCS	Communications Countermeasures System
CFE	Contractor Furnished Equipment
CFY	Current Fiscal Year
CIN	Course Identification Number

**EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT**

**LIST OF ACRONYMS**

CIT	Combined Interrogator Transponder
CLS	Contractor Logistics Support
CMI	Computer-Managed Instruction
CMM	Course Model Manager
CNATT	Center for Naval Aviation Technical Training
CNO	Chief of Naval Operations
COMLANTFLT	Commander, Atlantic Fleet
COMPACFLT	Commander, Pacific Fleet
COMS	Contractor Operation and Maintenance of Simulators
CTS	Computer Test Station
DM	Development Manual
DoD	Department of Defense
DT	Developmental Test
DT&E	Developmental Test and Evaluation
ECM	Electronic Countermeasures
ECMO	Electronic Countermeasures Officer
ECP	Engineering Change Proposal
EMC	Electromagnetic Computability
EMI	Electromagnetic Interference
EOTS	Electro-Optic Test Set
ESOH	Environmental, Safety, and Occupational Health
FRS	Fleet Readiness Squadron
FY	Fiscal Year
GFA	Government Furnished Assets
GFE	Government Furnished Equipment
GPETE	General Purpose Electronic Test Equipment
GPS	Global Positioning System
GPTE	General Purpose Test Equipment
HARM	High-Speed Anti-Radiation Missile
HAZMAT	Hazardous Material
HFE	Human Factors Engineering
HOL	High Order Language
HOTAS	Hands-On Throttle and Stick

**EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT**

**LIST OF ACRONYMS**

HPRR	Human Performance Requirements Review
HTS	Hybrid Test Set
HUD	Head-Up Display
IATS	Integrated Avionics Test Set
ICAP	Improved Capability
ICW	Interactive Courseware
IDECM	Integrated Defensive Electronic Countermeasures
IETM	Interactive Electronic Technical Manual
IFF	Identification Friend or Foe
IMI	Interactive Multimedia Instruction
IOC	Initial Operational Capability
IPB	Illustrated Parts Breakdown
IPPD	Integrated Product Process Development
IPT	Integrated Product Team
ISS	Interim Supply Support
JHMCS	Joint Helmet Mounted Cueing System
kVA	kilovolt-ampere
LORA	Level of Repair Analysis
LRC	Learning Resource Center
LRIP	Low Rate Initial Production
LSA	Logistics Support Analysis
LSAR	Logistics Support Analysis Report
MATT	Multi-mission Advanced Tactical Terminal
MDC	McDonnell Douglas Corporation
MIDS	Multifunctional Information Distribution System
MIL-HDBK	Military Handbook
MSD	Material Support Date
MTU	Maintenance Training Unit
NA	Not Applicable
NACES	Navy Aircrew Common Ejection Seat
NADEP	Naval Aviation Depot
NAMP	Naval Aviation Maintenance Program

**EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT**

**LIST OF ACRONYMS**

NAMTGD	Naval Air Maintenance Training Group Detachment
NAMTRAU	Naval Air Maintenance Training Unit
NAS	Naval Air Station
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVAIR	Naval Air Systems Command
NAVICP	Naval Inventory Control Point
NAVPERSCOM	Naval Personnel Command
NEC	Navy Enlisted Classification
NEPA	National Environmental Policy Act
NETC	Naval Education and Training Command
NEWTS	New Electronic Warfare Test Set
NFO	Naval Flight Officer
NGC	Northrop Grumman Corporation
NOBC	Naval Officer Billet Code
NTSP	Navy Training System Plan
OBOGS	Onboard Oxygen Generating System
OFP	Operational Flight Program
OJT	On-the-Job Training
OPEVAL	Operational Evaluation
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
ORD	Operational Requirements Document
OT	Operational Test
OT&E	Operational Test and Evaluation
PDA	Principal Development Activity
PESHE	Programmatic Environmental, Safety, and Occupational Health (ESOH) Evaluation
PFY	Previous Fiscal Year
PJT	Practical Job Training
PMA	Program Manager, Air
PNEC	Primary Navy Enlisted Classification
POE	Projected Operational Environment
PQS	Personnel Qualification Standard
PSE	Peculiar Support Equipment

**EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT**

**LIST OF ACRONYMS**

PSICP	Program Support Inventory Control Point
RF	Radio Frequency
RFI	Ready For Issue
RFT	Ready For Training
RI	Repairable Item
ROC	Required Operational Capability
S&RP	Spares and Repair Parts
SA	Supportability Analysis
SCORM	Sharable Content Object Reference Model
SDD	System Development and Demonstration
SE	Support Equipment
SEAOPDET	Sea Operational Detachment
SELRES	Selected Reserve
SEWARS	Sea Water Activated Release System
SMS	Stores Management System
SNEC	Secondary Navy Enlisted Classification
SPETE	Special Purpose Electronic Test Equipment
SPTE	Special Purpose Test Equipment
SRA	Shop Replaceable Assembly
ST	Special Tool
TA	Training Agency
TAEWS	Tactical Airborne Electronics Warfare System
TAMMAC	Tactical Aircraft Moving Map Capability
TAR	Training and Administration of Reserves
TBD	To Be Determined
TD	Training Device
TDS	Tactical Display System
TECP	Trainer Engineering Change Proposal
TEMP	Test and Evaluation Master Plan
TJS	Tactical Jamming System
T/M/S	Type/Model/Series
TOFT	Tactical Operational Flight Trainer
TPS	Test Program Set
TS	Test Set
TSA	Training Support Agent

## EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT

### LIST OF ACRONYMS

TSEC	Transmission Security
TTE	Technical Training Equipment
UIC	Unit Identification Code
USN	United States Navy
V&V	Validation and Verification
VFAQ	Fighter Attack Tactical Electronic Warfare Squadron
VX-9	Air Test and Evaluation Squadron Nine
WRA	Weapon Replaceable Assembly
WST	Weapon System Trainer

## **EA-18G AIRBORNE ELECTRONIC ATTACK AIRCRAFT**

### **PREFACE**

This Draft Navy Training System Plan (NTSP) for the EA-18G Airborne Electronic Attack (AEA) Aircraft has been developed to comply with guidelines set forth in the Navy Training Requirements Documentation Manual, Office of the Chief of Naval Operations (OPNAV) Publication P-751-1-9-97.

This is the first iteration of the EA-18G AEA Aircraft NTSP. An initial NTSP for the EA-18G program was not developed.

**PART I - TECHNICAL PROGRAM DATA**

**A. NOMENCLATURE-TITLE-PROGRAM**

- 1. **Nomenclature-Title-Acronym.** EA-18G Airborne Electronic Attack (AEA) Aircraft
- 2. **Program Element.** 0604270N

**B. SECURITY CLASSIFICATION**

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

**C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS**

- OPNAV Principal Official (OPO) Program Sponsor ..... CNO (N78)
- OPO Resource Sponsor ..... CNO (N78)
- Functional Mission Sponsor ..... CNO (N78)
- Developing Agency ..... NAVAIR (PMA265)
- Training Agency ..... COMLANTFLT  
COMPACFLT  
CNATT (FIDN5)
- Training Support Agency ..... NAVAIR (PMA205)
- Manpower and Personnel Mission Sponsor ..... CNO (N12)  
NAVPERSCOM (PERS-4, PERS-404)
- Director of Naval Training ..... CNO (N00T)

**D. SYSTEM DESCRIPTION**

1. **Operational Uses.** The EA-18G is a two-seat, twin-engine aircraft. The general mission of the EA-18G is to operate from aircraft carriers and airfields ashore providing carrier-based and forward-deployed Electronic Countermeasures (ECM) operations, day and night, under all weather conditions. Its primary mission is the interception, analysis, identification, and jamming of enemy weapons control and communications systems in support of Joint Force

offensive and defensive operations. High priority missions include Suppression of Enemy Air Defenses by denying, delaying, or degrading the enemy’s ability to detect and target friendly forces.

**2. Foreign Military Sales.** Not Applicable (NA)

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** The EA-18G weapons system will undergo comprehensive laboratory, simulator, ground, and flight test evaluations to demonstrate overall system specification compliance and system performance effectiveness in both controlled and operationally realistic environments.

**1. Developmental Test and Evaluation.** Developmental Test and Evaluation (DT&E) will be conducted by an Integrated Test Team comprised of the prime contractor, McDonnell Douglas Corporation (MDC), a wholly owned subsidiary of the Boeing Corporation, the sub-contractor, Northrop Grumman Corporation (NGC), developmental and operational testers, and support personnel. DT&E will be conducted at contractor facilities, NAVAIR Patuxent River, Maryland; NAVAIR China Lake, California; and NAVAIR Point Mugu, California. DT&E flight test missions will also be conducted at Nellis Air Force Base (AFB), Nevada; Naval Air Station (NAS) Fallon, Nevada; NAS Whidbey Island, Washington; Fort Huachuca, Arizona; and aboard an aircraft carrier To Be Determined (TBD). Initial aeromechanical testing will be performed on existing F/A-18E/F test aircraft at NAVAIR Patuxent River. AEA integrated system tests will be performed on EA-18G systems test aircraft EA-1 and EA-2. Final Validation and Verification (V&V) of EA-18G weapons system functionality will be performed using aircraft EA-1, EA-2, and System Development and Demonstration (SDD) #1 and SDD #2. Production Verification (Electromagnetic Interference (EMI)/Electromagnetic Computability (EMC) and carrier system shake) will be performed with aircraft SDD #1 and SDD #2. DT&E will be conducted in accordance with the following schedule:

TEST EVENT	BEGIN DATE	END DATE
DT-B1	October 2006	April 2007
DT-C1	May 2007	April 2008
DT-C2	April 2008	May 2008
DT-C3	September 2008	TBD

**2. Operational Test and Evaluation.** Initial Operational Test and Evaluation (OT&E) will be conducted in three phases:

- Operational Test (OT)-B1 will assess potential operational effectiveness and potential operational suitability and support a Milestone C, Low Rate Initial Production (LRIP) I decision

- OT-C1 will assess potential operational effectiveness and potential operational suitability and support an LRIP II decision
- OT-C2 will assess potential operational effectiveness and operational suitability, support a Fleet introduction recommendation, initiate initial tactics development, and support a Full Rate Production decision

Additionally, several DT assist periods will be conducted throughout the Initial OT&E to provide input to the Program Manager, Air (PMA) on operational testing issues. Follow-on OT&E (OT-C3 and beyond) will be conducted as required to verify correction of deficiencies, to complete deferred or incomplete Initial OT&E, and support continued tactics development. OT&E will be conducted by Air Test and Evaluation Squadron NINE (VX-9) under various operational and environmental conditions at various facilities and ranges. During OT-B1 and OT-C1, contractor maintenance will be used. However, maintenance personnel will be used to the greatest extent possible for initial suitability testing and On-the-Job Training (OJT). The EA-18G will be operated and maintained by Fleet personnel during OT-C2 and Follow-on OT&E.

TEST EVENT	BEGIN DATE	END DATE
DT Assist	September 2005	April 2008
OT-B1	November 2006	January 2007
OT-C1	October 2007	November 2007
OT-C2	September 2008	January 2009
OT-C3	TBD	TBD

**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** The EA-18G will replace all Navy EA-6B Aircraft. The Marine Corps will continue to employ the EA-6B Aircraft.

**G. DESCRIPTION OF NEW DEVELOPMENT.** From its inception, the F/A-18 program has been designed with the ability to modify and enhance onboard systems to meet emerging threats and to take advantage of technological advances. The EA-18G is a derivative of the two-seat F/A-18F Super Hornet with the capability offered by the integration of AEA systems.

**1. Functional Description.** The EA-18G will be a fully integrated, high performance, mid-wing, carrier suitable, tactical aircraft. It will be powered by two 22,000-pound thrust class, low-bypass-ratio F414-GE-400 engines with afterburners. The EA-18G will be equipped with upgraded avionics, an aircrew-oriented cockpit, and a fully integrated AEA mission system that combines long-range, all-weather capability with an advanced electronic countermeasures

system. Expansion of the aircraft diagnostic capabilities will be available through increased avionics and non-avionics Built-In Test (BIT) functions.

**a. Avionics.** The EA-18G will use the Block 2 F/A-18F avionics package. This allows the EA-18G to take advantage of the highly flexible F/A-18 avionics architecture and planned avionics expansions without revising the overall avionics design. The cockpit avionics package was designed for simplicity of operation through the utilization of multimode displays and Head-Up Displays (HUD) and Hands-On Throttle and Stick (HOTAS) technology. This avionics package allows the aircrew to be apprised of critical aircraft functions and weapons status and in total control of major aircraft functions without the need to concentrate on inter-cockpit displays and functions. The avionics suite is integrated through a multiplex system, which provides the flexibility to alter or add new systems. BIT is contained within most systems to provide rapid fault detection and isolation to a defective Weapon Replaceable Assembly (WRA) at the organizational level without the use of special Support Equipment (SE). Major systems to be carried forward to the EA-18G include:

- Active Electronically Scanned Array (AESA) Radar
- Advanced Crew Station
- Interface Blanker Unit Upgrade
- Amplifier Communications Interface Upgrade
- Signal Data Computer Upgrade
- Combined Interrogator/Transponder
- Digital Communications System
- Joint Helmet Mounted Cueing System (JHMCS)
- Tactical Aircraft Moving Map Capability (TAMMAC)
- Multifunctional Information Distribution System (MIDS)
- Radio Frequency (RF) Counter Measures
- Advanced Mission Computer and Displays
- Fiber Channel Switching

**b. Airborne Electronic Attack Mission Avionics.** The EA-18G will use Improved Capability (ICAP) III AEA mission avionics equipment developed for the EA-6B Aircraft. These AEA Systems include the AN/ALQ-99 Tactical Jamming System, the AN/ALQ-218 Receiver System, Communications Countermeasures System (CCS), and the Multi-Mission Advanced Tactical Terminal (MATT). The AEA systems from the EA-6B will be repackaged to accommodate the EA-18G peculiar airframe characteristics (e.g., gun bay pallet, wing pods, etc). Some of the EA-6B AEA systems, such as the AN/USQ-113 Communications Receiver/Jammer, will not be used in the EA-18G but will be replaced by the new CCS System.

**c. F414-GE-400 Engines.** The EA-18G Aircraft will be powered by two F414-GE-400 Engines. These are low-bypass-ratio turbofan engines with afterburners. Each F414-GE-400 Power Plant is a 22,000-pound thrust class engine that provides the required power for maneuverability in all AEA Missions and ensures maximum gross weight catapult launch with a low wind-over-deck requirement. This upgraded power plant achieves improved performance

through the use of advanced aerodynamics and materials. The F414-GE-400 Engine also features higher operating temperatures without a reduction of the current F404 hot section life. The power plant is designed to allow on-condition maintenance by permitting diagnostics and preventive maintenance to be conducted with the engine installed, and interchangeability and repair of engine modules at the intermediate level. The modules break down into WRAs and Shop Replaceable Assemblies (SRA). The maintenance module concept and ease of accessibility enables the F/A-18E/F to decrease the downtime for engine maintenance. The EA-18G also uses the Airframe Mounted Auxiliary Drive (AMAD) system. Each AMAD drives a fuel pump, a hydraulic pump, and a generator. The EA-18G uses 65 kilovolt-ampere (kVA) generators in place of the current 40 kVA generators to provide sufficient electrical power for the increased loading. By interfacing this equipment with the AMAD rather than the engine, engine connections are minimized, thereby facilitating rapid engine replacement.

**d. Fuel.** The EA-18G will employ the same fuel system as the F/A-18F and has an internal fuel capacity of 14,460 pounds. The EA-18G also has the capability to carry drop tanks on the inboard wing stations and the centerline station. Like the F/A-18F, the EA-18G uses a hybrid electrical-motive flow system, which reduces the troubleshooting time. Additionally, wing design improvements will reduce the number of wing fuel leaks.

**e. Airframe.** The airframe uses the same carbon epoxy composite technology that is currently employed on the F/A-18E/F.

**f. Crew Systems.** The EA-18G will retain the currently used Navy Aircrew Common Ejection Seat (NACES), Sea Water Activated Release System (SEWARS), and the Onboard Oxygen Generating System (OBOGS). Improved cockpit zone cooling is provided via new cabin louvers, which are located in closer proximity to the Aircrew.

**g. Weapons.** The EA-18G will utilize the existing 11 external storage stations from the F/A-18F platform to carry AEA systems as well as weapons, drop tanks, and other stores. The 20-millimeter gun and wingtip missiles inherent to the F/A-18F will be replaced by AEA systems; however, the self-protection weapon function will be retained. The Advanced Medium Range Air-to-Air Missile (AMRAAM) and High-Speed Anti-Radiation Missile (HARM) will be used for self-protection onboard the EA-18G.

**h. Software.** The EA-18G Operational Flight Programs (OFP) will be built from the current F/A-18E/F Advanced Mission Computer (AMC) and ICAP III AN/ALQ-218 Tactical Display System (TDS) development programs. These programs are modular and object-oriented, running on an open architecture computer in High Order Language (HOL), facilitating capability for technology insertion when the need is dictated by threat evolution. Reuse of updated existing code (i.e., EA-6B AN/AYK-14 Mission Computer software) will be recoded in HOL. In addition, the EA-18G retains embedded growth provisions, including weight, volume, power, and cooling for next generation AEA capability upgrades.

**2. Physical Description.** The following are the dimensions of the EA-18G:

Wing Span.....44 feet 7 inches  
Wings Folded.....32 feet 7 inches  
Length.....60 feet 4 inches  
Height.....16 feet 0 inches

**3. New Development Introduction.** The EA-18G is a new production aircraft. First production deliveries of the EA-18G are scheduled to begin in first quarter Fiscal Year (FY) 08.

**4. Significant Interfaces.** NA

**5. New Features, Configurations, or Material.** NA

## H. CONCEPTS

**1. Operational Concept.** The EA-18G Aircraft is being designed to operate in the entire AEA mission spectrum, providing true mission flexibility. Compatibility with strike assets in flight profile and mission radius capability enhances interoperability within the Air Wing. Survivability/self-defense features provide greater options in AEA system employment, and may prove to be a force multiplier. Significant payload options provide flexibility to engage in electronic attack or hardkill suppression as the need arises. One Pilot and one Naval Flight Officer (NFO) will operate the EA-18G. The NFO will be identified as an Electronic Countermeasures Officer (ECMO).

**2. Maintenance Concept.** EA-18G maintenance planning reflects the Navy's requirements to plan for full organic three level support and to consider Organizational Level to Depot Level concepts. The program will evaluate innovative support concepts (Government/Industry Logistics Support and Commercial Organic Partnership Studies) reduce life cycle cost, improve readiness and take advantage of existing industry capabilities, such as those already established for the Super Hornet. Evaluation of Organizational Level to Depot Level concepts may consider alternatives to organic depot maintenance. Readiness assurance, cost savings and risks will be the main criteria, should a non-organic (commercial) concept be presented for Navy consideration. Planning for organic maintenance is done in accordance with the NAMP, OPNAVINST 4790.2.

The EA-18G support planning efforts are based on the Navy's requirement to sustain readiness, beginning at Initial Operational Capability (IOC). Existing organic support, interim contractor support and phased transition to the selected long-term maintenance concept will be utilized. Readiness and economics will be the primary considerations when making recommendations. Program/equipment maturity and resource availability will also drive the planning of transitions from one concept to the other for each piece of equipment. Emphasis will be placed on achieving required support system performance at the best cost.

**a. Organizational.** EA-18G organizational level maintenance will be performed by, the operating unit on a day-to-day basis in support of its own operation. These actions will consist of a Repairable Item (RI) and WRA on-aircraft removal/replacement. BIT capability for the EA-18G and its subsystems will permit rapid Go/No-Go testing and fault isolation to the RI and/or WRA level and minimize use of and requirements for organizational level support/test equipment. Organizational level maintenance will also encompass inspections, servicing, handling, and on-equipment corrective maintenance. The following personnel will maintain the EA-18G:

WORK CENTER	RATING	NEC
110	Aviation Machinist's Mate (AD)	8341, 8841
120	Aviation Structural Mechanic (AM)	8341, 8841
13A	Aircrew Survival Equipmentman	8341, 8841
13B	Aviation Structural Mechanic (Safety Equipment) (AME)	8341, 8841
210	Aviation Electronics Technician (AT)	83XX, 88XX *
220	Aviation Electrician's Mate (AE)	8341, 8841
230	Aviation Ordnanceman (AO)	83XX, 88XX *

\* Newly required NECs unique to the EA-18G.

**(1) Preventive Maintenance.** Preventive maintenance consists of periodic prescribed inspections and servicing of equipment accomplished on a phase, sortie, or hours of operation basis.

**(2) Corrective Maintenance.** Organizational level personnel will use BIT for primary fault isolation to a WRA. Faulty WRAs will be removed and replaced using standard hand tools. Some larger WRAs (e.g., engine, canopy, etc.) will require the use of non-complex SE. The faulty WRAs and components will be forwarded to the Aircraft Intermediate Maintenance Department (AIMD) for repair.

**b. Intermediate.** EA-18G unique systems will have a Supportability Analysis (SA) and Level of Repair Analysis (LORA) conducted to determine the requirements for two or three levels of maintenance. Common EA-18 aircraft intermediate level maintenance actions to be performed in support of organizational activities by AIMD include repair, test and modification of aeronautical equipment, calibration of support equipment, and disposition of assets from stricken aircraft. The repair of faulty WRAs is accomplished using test equipment. New weapon subsystems introduced into the inventory requiring Automatic Test Equipment (ATE) will utilize the AN/USM-636(V) Consolidated Automated Support System (CASS) to the

fullest extent. The necessary Test Program Sets (TPS) to interface the unit under test and the test station and the required logistics support to effect repairs will be delivered in conjunction with the weapon subsystem. Fault isolation to the defective SRA or discrete component is effected by utilization of one or more of the primary test systems addressed in the following table.

**INTERMEDIATE LEVEL REPAIR REQUIREMENTS BY SYSTEM**

<b>SYSTEM</b>	<b>INTERMEDIATE MAINTENANCE REQUIREMENTS</b>
F414-GE-400	Third degree repair, with test cell facility.
CP-1334/A, Air Data Computer	Fault isolate using the AN/ASM-686 Integrated Automatic Test Station (IATS) Test Set (TS), replace faulty components and make Ready For Issue (RFI).
AEU-12, Engine Performance Crew Station	Fault isolate WRA using the Automatic Test Station (ATS) TS, replace faulty SRA, RFI unit.
TRU-185/A, Airstream Sensing Unit	Fault isolate WRA using the IATS TS, replace faulty SRA, RFI unit.
TRU-209/A, Airstream Sensing Unit	Fault isolate WRA using the IATS TS, SRA checked on Hybrid Test Station (HTS) TS, replace faulty SRA, RFI unit.
AN/ASW-44, Flight Control Electronic Set	Fault isolate WRA using the IATS TS, replace faulty SRA, RFI unit.
RT-1379A, Receiver Transmitter Processor	Fault isolate WRA using the IATS TS, replace faulty SRA, RFI unit.
AN/ASQ-194, Recorder Monitoring Set	Fault isolate WRA using the IATS TS, replace faulty SRA, RFI unit.
C-10380/ASQ, Electronic Equipment Control	Fault isolate WRA using the CASS, replace faulty SRA, RFI unit.
AN/APX-111(V), Combined Interrogator Transponder (CIT)	Fault isolate Interrogator Transponder WRA and the Beam Forming Network WRA using the CASS, replace faulty SRA, RFI unit, return SRA to vendor for repair.
AN/ASH-38, Signal Data Recording	Fault isolate using the IATS TS to SRA level, replace faulty SRA, and align as required, RFI unit.

<b>SYSTEM</b>	<b>INTERMEDIATE MAINTENANCE REQUIREMENTS</b>
KY-58 Transmission Security (TSEC), Secure Voice	Fault isolate using the ST-58 TS to SRA level, replace faulty SRA, align as required, RFI unit.
C-10382/A, Converter Control	Fault isolate WRA using the IATS TS, replace faulty SRA, RFI unit.
AM-6979, Intercom-Amplifier Control	Fault isolate WRA using the CASS, replace faulty SRA, RFI unit.
AN/ARA-63, Receiver Decoder Group	Fault isolate WRA using the AN/ARM-146 TS, replace faulty SRA, RFI unit.
AN/ARN-118, Receiver-Transmitter	Fault isolate WRA using the 972 (V)-1 TS, replace faulty SRA, RFI unit.
AN/APN-194(V), Receiver-Transmitter	Fault isolate WRA using the AN/APM-403 TS, replace faulty SRA, RFI unit.
AN/APN-202, Radar Beacon	Fault isolate using the AN/APM-231 TS, replace faulty SRA, RFI unit.
ID-2163, Height Indicator	Fault isolate using the ATS TS, replace faulty SRA, RFI unit.
AN/ASN-139, Inertial Navigation Unit	No intermediate level repair, return unit to vendor.
AN/ASQ-196, Digital Video Mapping Set	Fault isolate using the IATS TS, replace faulty SRA, RFI unit.
Horizontal Indicator Bomb Navigator	Fault isolate using the IATS TS, replace faulty SRA, RFI unit.
IP-15361A, Multi-Purpose Color Display	Fault isolate using the IATS TS, replace faulty SRA, RFI unit.
AN/ASQ-173, Laser Detector/Tracker/Camera Set	Fault isolate WRA using the Electro-Optic Test Set (EOTS) TS, replace faulty SRA, RFI unit.
AN/AVQ-32, Head-Up Display Unit	Fault isolate WRA using the IATS TS, replace faulty SRA, RFI unit.

<b>SYSTEM</b>	<b>INTERMEDIATE MAINTENANCE REQUIREMENTS</b>
AN/AAS-38/38A/38B, Detecting Set	Fault isolate WRA using the EOTS TS, replace faulty SRA, RFI unit.
AN/AYQ-9(V), Armament Control/Processor Set	Fault isolate WRA using the IATS TS, replace faulty SRA, RFI unit.
AN/AYK-22(V), Armament Control/Processor Set	Fault isolate WRAs to SRAs using the IATS TS, replace faulty SRA, RFI unit.
AN/AAR-50, Navigation Infrared Receiving Set	Fault isolate WRA using the EOTS TS, replace faulty SRA, RFI unit.
CP-1001B/AWG, Command Launch Computer	Fault isolate WRA using the HTS TS, replace faulty SRA, RFI unit.
IP-1556/A, Digital Display Indicator	Fault isolate using the IATS TS, replace faulty SRA, RFI unit.
CP-1001C/AWG, Command Launch Computer	Fault isolate WRA using the TS4457 TS, replace faulty SRA, RFI unit.
AN/ALE-47, Countermeasures Dispensing Set	Fault isolate using the CASS, replace faulty SRA, RFI unit.
MX-9965/A, Interface Blanker	Fault isolate WRAs to SRAs using the CASS, replace faulty SRA, RFI unit, return SRA to vendor for repair.
MX-11609/A, Interface Blanker	Fault isolate WRAs to SRAs using the CASS, replace faulty SRA, RFI unit, return SRA to vendor for repair.
MX-11741/A, Interface Blanker	No intermediate level repair, return WRA to vendor.
AN/AVH-1, Video Signal Sensor Head	No intermediate level repair, return WRA to vendor.
AN/ASQ-173, Still Picture Camera	Fault isolate using the LM230A TS, replace faulty SRA, RFI unit.

SYSTEM	INTERMEDIATE MAINTENANCE REQUIREMENTS
AN/ALQ-99 Tactical Jamming System (TJS) Pod	Test and check using Transmitter Test Station (OJ615/ALM) to SRA level, replace faulty SRA, align as required, RFI unit; SRA checked on RADCOM and (HTS).
MX-10403/AXQ, Camera Associated Equipment	Fault isolate using the 1291F1 TS, replace faulty SRA, RFI unit.
NACES	No intermediate level maintenance is planned for the ejection seat. The AIMD's Parachute Loft (Work Center 81B) performs intermediate level maintenance on the main parachute, drogue chute, and survival kit.
OBOGS	Fault isolate WRA to the SRA level using the TTU-521/E Monitor/Regulator Test Set and TTU-518/E Concentrator Test Set.

**c. Depot.** Based on preliminary Reliability Centered Maintenance and Level of Repair analysis, the EA-18G program is planning to implement a two-level organizational to depot maintenance concept for unique EA-18G systems. This will be re-evaluated to consider EA-18G-related depot maintenance impacts. Analysis will ensure that the selected depot option represents the best value for Fleet users, within statutory constraints. For EA-18 common items the depot level maintenance will support lower levels of maintenance by providing logistics and engineering assistance and performing maintenance that is beyond the capability of the lower level activities. NADEP North Island, California, and NADEP Jacksonville, Florida, are the designated depot repair sites for F-18 airframe, engine, and avionics equipment.

**d. Interim Maintenance.** An EA-18G phased support program will be negotiated with the contractor to provide an intermediate and depot level maintenance Repair of Repairables program for all Contractor Furnished Assets for which the Navy has not established repair capability.

Under the Integrated Maintenance Concept, the EA-18G will be maintained using the same inspection schedule of PMI 1 and PMI 2 used on the F/A-18 E/F. The determination of the planned maintenance schedule will be finalized using the matured Reliability Centered Maintenance (RCM) data.

**e. Life Cycle Maintenance Plan.** Under the Integrated Maintenance Concept, the EA-18G will be maintained using the same inspection schedule of PMI 1 and PMI 2 used on the F/A-18 E/F. The determination of the planned maintenance schedule will be finalized using the matured Reliability Centered Maintenance (RCM) data.

**3. Manning Concept.** EA-18G Aircrew (Pilot) requirements were calculated using the F/A-18F crew ratio of 1.58 multiplied by the number of aircraft in a VFAQ operational squadron. Squadron maintenance and support officer billets are the same as the legacy VAQ squadron requirements. Enlisted maintenance billets were calculated using Reliability and Maintainability (R&M) data from the F/A-18C/D as the baseline and then adding EA-6B ICAP III AEA systems R&M data. F/A-18C/D R&M data was used since there was not a sufficient sample of F/A-18E/F operational data. The number of positions requiring manning for Fleet squadrons are dictated by a deployment workload demanding 24-hour organizational level servicing during cyclic flight operations with a basic watch condition consisting of two sections, each responsible for a 12-hour period. The number of positions requiring manning for Fleet Readiness Squadrons (FRS) are dictated by a workload demanding 24-hour organizational level servicing with a basic watch condition consisting of three sections, each responsible for an eight-hour period.

**a. Manpower Requirements.** A reduction in manpower will be realized with the introduction of the EA-18G. Currently there are 16, four-aircraft, EA-6B squadrons that will be replaced by 9, five-aircraft, EA-18G squadrons and one six aircraft forward-deployed EA-18G squadron.. The EA-18B Aircraft will require one Pilot and one ECMO. The EA-6B requires one Pilot and three NFOs. This will result in a net reduction of seven aircrew requirements per squadron.

Additionally, the manpower requirements for EA-18G organizational level maintainers are expected to be an average of 15 billets less per squadron than required to support the EA-6B. Quantitative manpower requirements for the FRS, squadrons, and Sea Operational Detachments (SEAOPDET) are identified in element II.A.1.b of this NTSP. The below table lists the total manpower requirement for an existing EA-6B activity, existing EA-6B FRS, a planned E/A-18G activity, and planned E/A-18G FRS:

<b>TYPE SQUADRON</b>	<b>OFFICER USN</b>	<b>ENLISTED USN</b>
<b>VAQ-129 (EA-6B FRS)</b> <i>Source: TFMMS, AMD for VAQ-129 Sep 03</i>	<b>91</b>	<b>465</b>
<b>EA-6B Navy Fleet Squadron (4 Aircraft)</b> <i>Source: TFMMS, AMD for VAQ-128 Sep 03</i>	<b>28</b>	<b>182</b>
<b>EA-18G FRS</b> <i>Source: AIR 3.2.6</i>	<b>66</b>	<b>349</b>
<b>EA-18G Navy Fleet Squadron (5 Aircraft)</b> <i>Source: AIR 3.2.6</i>	<b>21</b>	<b>167</b>

**b. Navy Enlisted Classification Requirements.** EA-6B organizational level maintenance personnel, including Aviation Machinist's Mate (AD), Aviation Electrician's Mate (AE), Aviation Structural Mechanic (Safety Equipment) (AME), and Aviation Structural Mechanic (AM) ratings, transitioning to the EA-18G will be awarded Navy Enlisted Classification (NEC) 8341, *F/A-18E/F Systems Organizational Career Maintenance Technician*, and NEC 8841, *F/A-18E/F Systems Organizational Initial Maintenance Technician*, upon completion of applicable courses.

Aviation Ordnanceman (AO) and Aviation Electronics Technician (AT) personnel transitioning from the EA-6B to the EA-18G will be awarded new EA-18G specific NECs 83XX, *EA-18G Career Maintenance Technician*, and NEC 8841, *EA-18G Organizational Initial Maintenance Technician*, upon completion of applicable courses. Qualitative manpower requirements for the FRS, squadrons, and SEAOPDETS are identified in element II.A.1.b of this NTSP.

**c. Sea Operational Detachment.** The Navy is currently operating under the SEAOPDET concept for Fleet deployable squadrons. Under the SEAOPDET concept, AIMD personnel are not assigned to Fleet squadrons. When a squadron deploys, it draws the billets required to support the squadron's intermediate level requirements from the home station AIMD SEAOPDET complement. Once a deployment has ended, those AIMD personnel return to the home station AIMD. SEAOPDET personnel do not come under the organizational level command structure while on shore or deployment, but fall under the command of the ship or shore station AIMD, as applicable.

**4. Training Concept.** The intent of the EA-18G training program is to provide proficient Fleet AEA Pilots, ECMOs, and maintenance personnel required at both the organizational and intermediate levels. The EA-18G training program will consist of initial and follow-on training for operators and maintenance personnel.

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" Schools, Navy graduates going to organizational level activities attend the appropriate *Initial* "C" School for additional specific training. *Initial* "C" School training is intended for students in paygrades E-4 and below. *Career* "C" School training is provided to organizational level personnel, E-5 and above, to enhance skills and knowledge within their field. "A" School graduates going to intermediate level activities attend the appropriate intermediate level "C" School.

EA-18G training will be developed to conform to the CNO directive for Initial and Career training. The Initial training pipeline is intended to provide junior enlisted (E-1 through E-4) and first tour in Type/Model/Series (T/M/S) maintenance technicians the basic skills required to maintain the EA-18G Aircraft. The Career pipeline is intended to provide advanced T/M/S skills training to career designated (E-5 and above) maintenance personnel. The EA-18G training pipelines will conform to this concept.

MDC will provide initial cadre training for the EA-18G systems during SDD. Follow-on training for aircrew will be provided by the EA-18G FRS, NAS Whidbey Island, and organizational level maintenance training will be provided by both MTU 1038 NAMTRAU Lemoore and MTU XXXX NAMTRAU Whidbey Island.

Follow-on training for aircrew and organizational maintenance will be developed to comply with the integrated training method in accordance with CNO directives. Integrated training consists of classroom, laboratory, and timely practical application of newly learned skills combined into a single training period. To enhance training efforts, Computer-Based Training (CBT) will be maximized for aircrew and maintenance personnel. This eliminates curricula duplication and retraining students when they transition from a NAMTRAU classroom to the Practical Job Training (PJT) course. All EA-18G training courses will be Sharable Content Object Reference Model (SCORM) conformant.

The Reserve Force is not committed to participate in the EA-18G program at this time.

**a. Human Performance.** MDC will identify the physical and cognitive capabilities of existing Navy personnel structure (e.g., Rating/NEC/Naval Officer Billet Code (NOBC)) and determine skills and knowledge capabilities. A requirements analysis will be conducted to identify the media requirements of the EA-18G training system to meet operational and maintenance training needs. The operational maintenance training needs are those human task performance requirements that enable aircrews to accomplish their EA-18G missions and technicians to maintain the aircraft in mission ready condition. Human performance requirements are stated in the individual, team, and collective tasks required to operate and maintain the EA-18G Aircraft. Optimizing performance of these tasks will ensure readiness on the part of the aircrew to perform its assigned missions. Critical human performance tasks that are appropriate to train using a simulator constitute the overall training simulator requirement.

**(1) Training Situation Analysis.** MDC will conduct a Training Situation Analysis to determine the changes required to the existing F/A-18E/F and ICAP III training system in order to meet the EA-18G training needs. The Training Situation Analysis will consider the impact to both the operator and maintainer training programs and will include recommendations to modify or procure necessary training equipment and materials.

**(2) Mission and Task Analysis.** MDC will analyze the EA-18G mission and related individual and collective tasks. Each task will be analyzed for difficulty level, frequency, importance, and skill decay factors and a listing of EA-18G tasks requiring training

will be generated. This source data will be used to develop an Instructional Performance Requirements Document that will contain the data to support the design of the EA-18G training program.

**(3) Media Analysis.** MDC will use the task analysis results to identify the type of learning required, develop instructional strategies and methods, and identify the most effective media that supports the sensory stimulus required of each task. MDC will develop and provide to the Government an Instructional Media Requirements Document to serve as the baseline for the instructional media performance specifications. This document will contain a description of the primary and alternate media requirements and the functional requirements for the instructional delivery. MDC will analyze the existing F/A-18F and ICAP III training systems for inclusion, exclusion, or modification and investigate the use of CBT to supplement classroom instruction. Based on the results of this analysis, MDC will provide recommendations for the design and implementation of the EA-18G training program that will include safety, hazard, and environmental considerations.

Upon Government approval of the design, MDC will develop an Instructional Media Package that contains the visual, textual, and audio design documentation for use in the development and presentation of operator and maintenance training.

**b. Training Media Life Cycle Management.** Maintenance training courses will be managed by the Course Model Manager (CMM), Naval Air Maintenance Training Unit (NAMTRAU) Lemoore and NAMTRAU Whidbey Island. The CMM will be responsible for course configuration control and logistics support requirements. The CMM for aircrew courses will be the EA-18G FRS, NAS Whidbey Island. A specific Fighter Attack Tactical Electronic Warfare Squadron (VFAQ) FRS and Maintenance Training Unit (MTU) at NAMTRAU Whidbey Island have not been identified at this time for EA-18G training.

The Assistant Program Manager, Training Systems (APMTS), NAVAIR code PMA2056, is responsible for reviewing all EA-18G Engineering Change Proposals (ECP) and assessing their impacts on the training system. The APMTS is responsible for courseware concurrency with the EA-18G configuration. The FRS and NAMTRAU Whidbey are responsible for maintaining the courseware concurrency for mission tactics and maintenance practices, respectively. The APMTS also ensures that changes to basic equipment include provisions to modify training equipment, and update training courses and curricula as necessary to maintain effective up-to-date training capabilities. Following the end of the manufacturer's interim training system support period, the day-to-day maintenance and support of operator Training Devices is funded by the Type Commander and managed by the FRS under a Contractor Operation and Maintenance of Simulators (COMS) or Contractor Logistics Support (CLS) contract. Training system engineering changes that are not related to the EA-18G Aircraft configuration (re-hosting of software, modernization, etc.) are managed similarly with the aircraft engineering change process under the NAVAIR Trainer Engineering Change Proposal (TECP) system.

The Naval Education and Training Command (NETC) (via Chief of Naval Education and Training Instruction 1500.30) established policy, procedures, and responsibility for the administration and operation of the NETC training feedback program. This program provides a web-based homepage template containing a training feedback form icon. Each school is to develop a form following this format with a link back to the NETC homepage at <https://www.cnet.navy.mil>. This web page form is used to communicate feedback on any training issue, training concerns, or to make general recommendations. A Fleet partnership program will also be established to develop a close relationship with representative samples of customers to evaluate the quality of the trained graduates and the relevance of skills trained.

In conjunction with this Fleet feedback program, a Human Performance Requirements Review (HPRR) process is required by OPNAV Instruction 1500.69A. HPRRs provide a process for Resource and Program Sponsors to identify and correct training deficiencies. The EA-18G HPRR schedule will be subsequent to establishment of organic training capabilities.

**c. Training Media and Delivery Method.** The training media and delivery method will include a mix of Interactive Multimedia Instruction (IMI), simulators, Training Devices (TD), Computer-Aided Instruction (CAI), PJT, and flight time, as applicable. Formative evaluations of the EA-18G Training System will be conducted throughout in-process reviews, design evaluations, course trials, and examinations by the EA-18G Training Integrated Product Team (IPT). The final formative evaluation will be conducted in accordance with the training system Test and Acceptance Plan. Upon Government approval, MDC will develop an Instructional Media Package that contains the visual, textual, and audio design documentation for use in the development and presentation of operator and maintainer training.

**d. Initial Training.** MDC will provide initial training for personnel to support DT&E and OT&E and will deliver engineering drawings, test plans and reports, and evaluations of the need for unique support. MDC will also provide initial cadre training for aircrew and maintenance instructors in support of the EA-18G Aircraft. As more detailed initial training information becomes available it will be included in updates to this NTSP.

<b>Title .....</b>	<b>DT&amp;E Initial Training</b>
Description .....	This course will provide DT&E Team Members and Government observers with the unique EA-18G knowledge required to perform as a DT&E Team Member.
Location.....	MDC and Government facilities as necessary.
Length.....	5 days (estimate)
RFT date .....	FY06
TTE/TD .....	Test Aircraft

Prerequisites .....	DT&E Team Members and Government observers
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<b>Title.....</b>	<b>OT&amp;E Initial Training</b>
Description .....	This course will provide OT&E Team Members and Government observers with the unique EA-18G knowledge required to perform as a OT&E Team Member.
Location.....	TBD
Length.....	5 days (estimate)
RFT date .....	Prior to November 2006
TTE/TD .....	Test Aircraft
Prerequisites .....	OT&E Team Members and Government observers

<b>Title.....</b>	<b>EA-18G Instructor Pilot Cadre Training</b>
Description .....	This course will provide the FRS Instructor Pilot with the materials and knowledge required to develop and conduct organic follow-on Pilot training.
Location.....	EA-18G FRS, Whidbey Island
Length.....	10 days (estimate)
RFT date .....	FY08
TTE/TD .....	TBD
Prerequisites .....	FRS Pilot Instructor

<b>Title.....</b>	<b>EA-18G Instructor ECMO Cadre Training</b>
Description .....	This course will provide the FRS Instructor ECMO with the materials and knowledge required to develop and conduct organic follow-on ECMO training.
Location.....	EA-18G FRS, Whidbey Island
Length.....	10 days (estimate)
RFT date .....	FY08

TTE/TD .....	TBD
Prerequisites .....	FRS ECMO Instructor

<b>Title.....</b>	<b>EA-18G Cadre Aviation Ordnanceman Instructor Training</b>
Description .....	This course will provide the NAMTRAU AO Organizational Level Maintenance Instructor with the materials and knowledge required to develop and conduct organic AO follow-on training.
Location.....	NAMTRAU Whidbey Island
Length.....	10 days (estimate)
RFT date .....	FY08
TTE/TD .....	TBD
Prerequisites .....	Cadre AO Instructor

<b>Title.....</b>	<b>EA-18G Cadre Aviation Electronics Technician Instructor Training</b>
Description .....	This course will provide the NAMTRAU AT Organizational Level Maintenance Instructor with the materials and knowledge required to develop and conduct organic AT follow-on training.
Location.....	NAMTRAU Whidbey Island
Length.....	10 days (estimate)
RFT date .....	FY08
TTE/TD .....	TBD
Prerequisites .....	Cadre AT Instructor

**e. Follow-on Training**

**(1) Aircrew Training.** All EA-18G Pilot and NFO training will be conducted at the EA-18G FRS, Whidbey Island. There will be four categories of Pilot and NFO training for the EA-18G. The Ready For Training (RFT) date for EA-18G follow-on aircrew training is scheduled for FY09. The following is a description of the proposed aircrew courses.

A comparative analysis of proposed F/A-18F and existing EA-6B aircrew training was conducted to calculate EA-18G estimated aircrew course lengths.

<b>Title .....</b>	<b>EA-18G Replacement Pilot Category 1 Pipeline</b>
CIN .....	E-2A-XXX1
Model Manager...	VFAQ FRS
Description.....	<p>This course will provide training to the first tour EA-18G Pilot, including:</p> <ul style="list-style-type: none"> <li>◦ Flight Training</li> <li>◦ Crew Tactics and Safety</li> <li>◦ Communications and Navigation</li> <li>◦ Naval Air Training and Operating Procedures Standardization (NATOPS)</li> </ul> <p>Upon completion, the graduate will be able to perform as an EA-18G Pilot in a squadron environment.</p>
Delivery Method.	A mix of Interactive Multimedia Instruction (IMI), simulators, Computer-Aided Instruction (CAI), PJT, and flight time
Location .....	VFAQ FRS, NAS Whidbey Island
Length .....	125 days (estimated)
RFT date .....	FY08
Skill identifier .....	NOBC XXX1 (EA-18G Pilot)
TTE/TD.....	<ul style="list-style-type: none"> <li>◦ EA-18G Tactical Operational Flight Trainer (TOFT)</li> <li>◦ EA-18G Aircraft</li> </ul>
Prerequisite .....	<ul style="list-style-type: none"> <li>◦ E-2D-0039, Survival, Evasion, Resistance, and Escape</li> <li>◦ E-7C-0039, Basic Officer Leadership Course</li> <li>◦ E-2D-3815, Pilot, Electronic Warfare</li> <li>◦ B-322-0041, Refresher Physiology, Tactical Jet Training</li> <li>◦ B-9E-1224, Naval Aviation Water Survival Program R-1</li> <li>◦ C-2D-3815, Aviation Electronic Warfare Officer, Non-Technical</li> <li>◦ Security Clearance - Secret</li> </ul>

<b>Title.....</b>	<b>EA-18G Replacement Pilot Category 2 Pipeline</b>
CIN .....	E-2A-XXX2
Model Manager ...	VFAQ FRS
Description .....	This course will provide training to the second tour EA-18G Pilot, including: <ul style="list-style-type: none"> <li>° Flight Training</li> <li>° Crew Tactics and Safety</li> <li>° Communications and Navigation</li> <li>° NATOPS</li> </ul> Upon completion, the graduate will be able to perform as an EA-18G Pilot in a squadron environment.
Delivery Method .	A mix of IMI, simulators, CAI, PJT, and flight time
Location.....	VFAQ FRS, NAS Whidbey Island
Length.....	102 days (estimated)
RFT date .....	FY08
Skill identifier.....	NOBC XXX1 (EA-18G Pilot)
TTE/TD .....	° EA-18G TOFT ° EA-18G Aircraft
Prerequisite.....	E-2A-XXX1, EA-18G Replacement Pilot, Category 1 Pipeline or a similar tactical aircraft Category I Pipeline

<b>Title.....</b>	<b>EA-18G Replacement Pilot Category 3 Pipeline</b>
CIN .....	E-2A-XXX3
Model Manager ...	VFAQ FRS
Description .....	This course will provide advanced training to the EA-18G Pilot, including: <ul style="list-style-type: none"> <li>° Flight Training</li> <li>° Crew Tactics and Safety</li> <li>° Communications and Navigation</li> <li>° NATOPS</li> </ul> Upon completion, the graduate will be able to perform as an EA-18G Pilot in a squadron environment.
Delivery Method .	A mix of IMI, simulators, CAI, PJT, and flight time

Location.....	VFAQ FRS, NAS Whidbey Island
Length.....	50 days (estimated)
RFT date .....	FY10
Skill identifier.....	NOBC XXX1 (EA-18G pilot)
TTE/TD .....	° EA-18G TOFT ° EA-18G Aircraft
Prerequisite.....	E-2A-XXX1, EA-18G Replacement Pilot, Category 1 Pipeline or a similar tactical aircraft Category I Pipeline

<b>Title.....</b>	<b>EA-18G Replacement Pilot Category 4 Pipeline</b>
CIN .....	E-2A-XXX4
Model Manager ...	VFAQ FRS
Description .....	This course will provide senior level training to the EA-18G Pilot, including: <ul style="list-style-type: none"> <li>° Flight Training</li> <li>° Crew Tactics and Safety</li> <li>° Communications and Navigation</li> <li>° NATOPS</li> </ul> Upon completion, the graduate will be able to perform as an EA-18G Pilot in a squadron environment.
Delivery Method .	A mix of IMI, simulators, CAI, PJT, and flight time
Location.....	VFAQ FRS, NAS Whidbey Island
Length.....	18 days (estimated)
RFT date .....	FY10
Skill identifier.....	NOBC XXX1(EA-18G pilot)
TTE/TD .....	° EA-18G TOFT ° EA-18G Aircraft
Prerequisite.....	Carrier Air Group Commander or selectee

<b>Title.....</b>	<b>EA-18G Replacement ECMO Category 1 Pipeline</b>
CIN .....	E-2D-XXX1
Model Manager ...	VFAQ FRS
Description .....	<p>This course will provide training to the first tour EA-18G NFO, including:</p> <ul style="list-style-type: none"> <li>° Electronic Warfare Systems</li> <li>° Flight Training</li> <li>° Crew Tactics and Safety</li> <li>° Communication and Navigation</li> <li>° NATOPS</li> </ul> <p>Upon completion, the graduate will be able to perform as an EA-18G ECMO in a squadron environment.</p>
Delivery Method .	A mix of IMI, simulators, CAI, PJT, and flight time
Location.....	VFAQ FRS, NAS Whidbey Island
Length.....	189 days (estimated)
RFT date .....	FY08
Skill identifier.....	NOBC XXX2 (EA-18G ECMO)
TTE/TD .....	<ul style="list-style-type: none"> <li>° EA-18G TOFT</li> <li>° EA-18G Aircraft</li> </ul>
Prerequisite.....	C-2D-3810, Naval Aviation Electronic Warfare Officer

<b>Title.....</b>	<b>EA-18G Replacement ECMO Category 2 Pipeline</b>
CIN .....	E-2D-XXX2
Model Manager ...	VFAQ FRS
Description .....	<p>This course will provide training to the second tour EA-18G NFO, including:</p> <ul style="list-style-type: none"> <li>° Electronic Warfare Systems</li> <li>° Flight Training</li> <li>° Crew Tactics and Safety</li> <li>° Communication and Navigation</li> <li>° NATOPS</li> </ul> <p>Upon completion, the graduate will be able to perform as an EA-18G ECMO in a squadron environment.</p>

Delivery Method .	A mix of IMI, simulators, CAI, PJT, and flight time
Location.....	VFAQ FRS, NAS Whidbey Island
Length.....	173 days (estimated)
RFT date .....	FY08
Skill identifier.....	NOBC XXX2 (EA-18G ECMO)
TTE/TD .....	° EA-18G TOFT ° EA-18G Aircraft
Prerequisite.....	E-2D-XXX1, EA-18G Naval Flight Officer Category 1 or a similar tactical aircraft Category I Pipeline

<b>Title.....</b>	<b>EA-18G Replacement ECMO Category 3 Pipeline</b>
CIN .....	E-2D-XXX3
Model Manager ...	VFAQ FRS
Description .....	This course will provide advanced training to the EA-18G NFO, including: <ul style="list-style-type: none"> <li>° Electronic Warfare Systems</li> <li>° Flight Training</li> <li>° Crew Tactics and Safety</li> <li>° Communication and Navigation</li> <li>° NATOPS</li> </ul> <p>Upon completion, the graduate will be able to perform as an EA-18G ECMO in a squadron environment.</p>
Delivery Method .	A mix of IMI, simulators, CAI, PJT, and flight time
Location.....	VFAQ FRS, NAS Whidbey Island
Length.....	62 days (estimated)
RFT date .....	FY10
Skill identifier.....	NOBC XXX2 (EA-18G ECMO)
TTE/TD .....	° EA-18G TOFT ° EA-18G Aircraft
Prerequisite.....	E-2D-XXX1, EA-18G Naval Flight Officer, Category 1 or a similar tactical aircraft Category I Pipeline

Title.....	<b>EA-18G Replacement ECMO Category 4 Pipeline</b>
CIN .....	E-2D-XXX4
Model Manager ...	VFAQ FRS
Description .....	This course will provide training to the senior level EA-18G NFO, including: <ul style="list-style-type: none"> <li>° Electronic Warfare Systems</li> <li>° Flight Training</li> <li>° Crew Tactics and Safety</li> <li>° Communication and Navigation</li> <li>° NATOPS</li> </ul> Upon completion, the graduate will be able to perform as an EA-18G ECMO in a squadron environment.
Delivery Method .	A mix of IMI, simulators, CAI, PJT, and flight time
Location.....	VFAQ FRS, NAS Whidbey Island
Length.....	48 days (estimated)
RFT date .....	FY10
Skill identifier.....	NOBC XXX2 (EA-18G ECMO)
TTE/TD .....	° EA-18G TOFT ° EA-18G Aircraft
Prerequisite.....	Carrier Air Group Commander or selectee

**(2) Maintenance Training.** Due to the similarity between the F/A-18F and the EA-18G Aircraft, EA-18G organizational level maintenance personnel in the AD, AE, AME, and AM ratings will attend existing F/A-18E/F training provided at MTU 1038 NAMTRAU Lemoore. Graduates will be awarded NEC 8841 or 8341 as applicable. EA-18G organizational level maintenance personnel in the AO and AT ratings will attend new EA-18G specific training at MTU XXXX NAMTRAU Whidbey Island. Graduates will be awarded new EA-18G specific NEC 88XX or 83XX as applicable. Proposed EA-18G and existing F/A-18E/F organizational and intermediate level maintenance tracks are as follows:

**(a) Organizational.** Formative evaluations of the EA-18G maintenance training system will be conducted throughout in-process reviews, design evaluations, course trials, and examinations by the EA-18G Training IPT. The final formative evaluation will be conducted in accordance with the training system Test and Acceptance Plan. Upon Government approval, MDC will develop an Instructional Media Package that contains the

visual, textual, and audio design documentation for use in the development and presentation of maintenance training.

<b>Title.....</b>	<b>EA-18G Avionics Systems (Initial) Organizational Maintenance</b>
CIN .....	E-102-XXX1
Model Manager ...	MTU XXXX NAMTRAU Whidbey Island
Description .....	<p>This track will provide training to the first tour AT, including:</p> <ul style="list-style-type: none"> <li>° Fire Control Systems</li> <li>° Communication and Navigation Systems</li> <li>° Identification System</li> <li>° ECM System</li> <li>° Test and Support Equipment</li> <li>° Publications and Safety Procedures</li> </ul> <p>Upon completion, the graduate will be able to perform basic organizational level maintenance on the EA-18G avionics systems in a squadron environment under direct supervision.</p>
Delivery Method .	A mix of IMI, TDs, CAI, and PJT
Locations .....	MTU XXXX NAMTRAU Whidbey Island
Length.....	81 days (estimated)
RFT date .....	FY08
Skill identifier.....	AT 88XX
TTE/TD .....	<ul style="list-style-type: none"> <li>° EA-18G Avionics Systems</li> <li>° EA-18G Avionics System Maintenance Trainer (AMT)</li> </ul>
Prerequisite.....	<ul style="list-style-type: none"> <li>° C-100-2018, Avionics Technician Organizational Level Class A1</li> <li>° C-100-2020, Avionics Common Core Class A1</li> </ul>

<b>Title.....</b>	<b>EA-18G Avionics Systems (Career) Organizational Maintenance</b>
CIN .....	E-102-XXX2
Model Manager ...	MTU XXXX NAMTRAU Whidbey Island
Description .....	<p>This track will provide training to the second tour AT, including:</p> <ul style="list-style-type: none"> <li>◦ Fire Control Systems</li> <li>◦ Communication and Navigation Systems</li> <li>◦ Identification System</li> <li>◦ ECM System</li> <li>◦ Test and Support Equipment</li> <li>◦ Publications and Safety Procedures</li> </ul> <p>Upon completion, the graduate will be able to perform organizational level maintenance on the EA-18G avionics systems in a squadron environment under limited supervision.</p>
Delivery Method .	A mix of IMI, TDs, CAI, and PJT
Locations .....	MTU XXXX NAMTRAU Whidbey Island
Length.....	39 days (estimated)
RFT date .....	FY08
Skill identifier.....	AT 83XX
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ EA-18G Avionics Systems</li> <li>◦ EA-18G AMT</li> </ul>
Prerequisite.....	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2018, Avionics Technician Organizational Level Class A1</li> <li>◦ E-102-XXX1, EA-18G Avionics Systems (Initial) Organizational Maintenance</li> </ul>

<b>Title.....</b>	<b>EA-18G Armament Systems (Initial) Organizational Maintenance</b>
CIN .....	E-646-XXX1
Model Manager ...	MTU XXXX NAMTRAU Whidbey Island
Description .....	<p>This track provides training to the first tour AO, including:</p> <ul style="list-style-type: none"> <li>◦ Stores Management System (SMS)</li> <li>◦ Troubleshooting Procedures</li> <li>◦ Weapon Control Systems</li> <li>◦ Test and Support Equipment</li> <li>◦ Publications and Safety Procedures</li> </ul> <p>Upon completion, the graduate will be able to perform basic organizational level maintenance on the EA-18G armament systems in a squadron environment under direct supervision.</p>
Delivery Method .	A mix of IMI, TDs, CAI, and PJT
Location.....	MTU XXXX NAMTRAU Whidbey Island
Length.....	30 days (estimated)
RFT date .....	FY08
Skill identifier.....	AO 88XX
TTE/TD .....	EA-18G Armament Systems Trainer
Prerequisite.....	<ul style="list-style-type: none"> <li>◦ C-646-2011, Aviation Ordnanceman Class A1</li> <li>◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>

Title.....	<b>EA-18G Armament Systems (Career) Organizational Maintenance</b>
CIN .....	E-646-XXX2
Model Manager ...	MTU XXXX NAMTRAU Whidbey Island
Description .....	<p>This track provides training to the second tour AO, including:</p> <ul style="list-style-type: none"> <li>◦ Troubleshooting Beyond BIT</li> <li>◦ Use of Electrical Test Equipment</li> <li>◦ SMS</li> <li>◦ SMS Cautions and Advisories</li> <li>◦ SMS Maintenance Codes</li> <li>◦ Weapon Control System</li> <li>◦ Publications and Safety Procedures</li> </ul> <p>Upon completion, the graduate will be able to perform organizational level maintenance on the EA-18G armament systems in a squadron environment under limited supervision.</p>
Delivery Method .	A mix of IMI, TDs, CAI, and PJT
Location.....	MTU XXXX NAMTRAU Whidbey Island
Length.....	11 days (estimated)
RFT date .....	FY08
Skill identifier.....	AO 83XX
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ EA-18G Armament Systems Trainer</li> <li>◦ Proximity Control Switch</li> <li>◦ Seat Safety Pin</li> </ul>
Prerequisite.....	<ul style="list-style-type: none"> <li>◦ C-646-2011, Aviation Ordnanceman Class A1</li> <li>◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> <li>◦ E-646-XXX1, EA-18G Armament Systems (Initial) Organizational Maintenance</li> </ul>

**(b) Intermediate**

<b>Title .....</b>	<b>Microminiature Electronics Repair</b>
CIN .....	A-100-0073
Model Manager ...	Fleet Training Center, San Diego
Description .....	<p>This course provides training to the AE or AT, including:</p> <ul style="list-style-type: none"> <li>◦ 2M Program Overview and Safety</li> <li>◦ 2M Station Operation and Maintenance</li> <li>◦ High Quality and Highly Reliable Solder Connections on Complex Circuit Card Assemblies (Organizational and Intermediate Maintenance Levels)</li> <li>◦ Removal and Replacement of Discrete and Multi-Leaded Components</li> <li>◦ Removal and Application of Conformal Coatings</li> <li>◦ Wiring and Soldering of Various Terminals or Connectors</li> <li>◦ Removal and Replacement of Damaged Conductors and Board Laminate</li> <li>◦ Electrostatic Discharge Familiarization and Handling Procedures</li> </ul> <p>Upon completion, the graduate will be able to perform microminiature electronics repairs in a shop environment under limited supervision.</p>
Delivery Method .	<p>Course A-100-0073:</p> <p>Total Course of Instruction..... 72 hours</p> <p>Instructor-Led..... 10 hours</p> <p>Instructor-Led with CAI..... 0 hours</p> <p>ICW ..... 0 periods</p> <p>PA/Laboratory ..... 62 hours</p> <p>PJT (On-Aircraft Repair) ..... 0 hours</p>
Locations .....	<ul style="list-style-type: none"> <li>◦ Fleet Training Center, San Diego</li> <li>◦ Fleet Training Center, Norfolk</li> <li>◦ Fleet Training Center, Mayport</li> <li>◦ Fleet Training Group Pearl Harbor</li> <li>◦ Naval Air Maintenance Training Group Detachment (NAMTGD) Atsugi, Japan</li> <li>◦ NAMTRAU Whidbey Island</li> </ul>
Length .....	11 days

RFT date .....	Currently available
Skill identifier.....	° AE 9526 ° AT 9526
TTE/TD .....	Micro-Miniature Soldering Station
Prerequisites .....	° C-100-2020, Avionics Common Core Class A1 ° C-100-2018, Avionics Technician O Level Class A1 ° C-100-2017, Avionics Technician I Level Class A1 ° C-602-2039, Aviation Electrician's Mate O Level Strand Class A1

<b>Title .....</b>	<b>Electronics Identification Equipment Intermediate Maintenance</b>
CIN .....	D/E-102-6039
Model Manager ...	MTU 1005 NAMTRAU Jacksonville
Description .....	This track provides training to the AT, including: ° AN/APX-76 Air/Air Identification Friend or Foe (IFF) Interrogator System ° SN-416() /APX-76 Synchronizer ° RT-868B/APX-76 Receiver Transmitter ° AN/APX-72 Radar IFF System ° AN/APX-72 Transponder System ° TS-1843B/APX Transponder Test Set ° AN/APX-100(V) Transponder Upon completion, the graduate will be able to perform IFF equipment repair in an intermediate maintenance environment under limited supervision.
Delivery Method .	Course C-102-4052: Total Course of Instruction..... 263 hours Instructor-Led..... 186 hours Instructor-Led with CAI..... 0 hours ICW ..... 0 periods PA/Laboratory ..... 77 hours PJT (On-Aircraft Repair) ..... 0 hours
Locations .....	° MTU 1007 NAMTRAU Oceana ° MTU 1005 NAMTRAU Jacksonville ° MTU 1038 NAMTRAU Lemoore

Length.....	65 days
RFT date .....	Currently available
Skill identifier.....	AT 6609
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ AN/APX-76 IFF Interrogator System</li> <li>◦ SN-416() /APX-76 Synchronizer</li> <li>◦ RT-868B/APX-76 Receiver Transmitter</li> <li>◦ AN/APX-72 Radar IFF System</li> <li>◦ AN/APX-72 Transponder System</li> <li>◦ TS-1843B/APX Transponder Test Set</li> <li>◦ AN/APX-100(V) Transponder</li> </ul>
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ C-100-2017, Avionics Technician I Level Class A1</li> <li>◦ C-100-2020, Avionics Common Core Class A1</li> </ul>

<b>Title.....</b>	<b>Digital Data Link Communications Intermediate Maintenance Technician</b>
CIN .....	D/E-102-6059
Model Manager ...	MTU 1038 NAMTRAU Lemoore
Description .....	<p>This track provides training to the AT, including:</p> <ul style="list-style-type: none"> <li>◦ AN/APN-154 Radar Beacon System</li> <li>◦ AN/APN-202 Radar Beacon System</li> <li>◦ R-1623/APN Radar Receiver Augmentor</li> <li>◦ AN/ASW-25A/B Digital Data Communications Set</li> <li>◦ AN/ARA-63 Receiving-Decoding Group</li> </ul> <p>Upon completion, the graduate will be able to perform as a Digital Data Link Communications Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
Delivery Method .	<p>Course C-102-4054:</p> <ul style="list-style-type: none"> <li>Total Course of Instruction..... 114 hours</li> <li>Instructor-Led..... 44 hours</li> <li>Instructor-Led with CAI..... 0 hours</li> <li>ICW ..... 0 periods</li> <li>PA/Laboratory ..... 70 hours</li> <li>PJT (On-Aircraft Repair) ..... 0 hours</li> </ul>
Location.....	<ul style="list-style-type: none"> <li>◦ MTU 1038 NAMTRAU Lemoore</li> <li>◦ MTU 1007 NAMTRAU Oceana</li> </ul>

Length.....	33 days
RFT date .....	Currently available
Skill identifier.....	AT 6607 (E-3 through E-7)
TTE/TD .....	<p>TTE:</p> <ul style="list-style-type: none"> <li>◦ AN/ARM-200 TS</li> <li>◦ AN/ARM-146A TS</li> <li>◦ AN/APM-455 TS</li> <li>◦ SM-511 TS</li> <li>◦ AN/APN-154 Radar Beacon System</li> <li>◦ AN/APN-202 Radar Beacon System</li> <li>◦ R-1623/APN Radar Receiver Augmentor</li> <li>◦ AN/ASW-25A/B Digital Data Communications Set</li> <li>◦ AN/ARA-63 Receiving-Decoding Group</li> </ul> <p>TD: None</p>
Prerequisites .....	C-100-2017, Avionics Technician I Level Class A1

<b>Title.....</b>	<b>AN/USM-458 New Electronic Warfare Test Set (NEWTS) Operation and Intermediate Maintenance</b>
CIN .....	D/E-102-6072
Model Manager ...	MTU 1038 NAMTRAU Lemoore
Description .....	<p>This track provides training to the AT, including:</p> <ul style="list-style-type: none"> <li>◦ Testing and System Analysis</li> <li>◦ Troubleshooting and Repair</li> <li>◦ AN/USM-458 WRAs</li> <li>◦ AN/USM-392B Test Equipment</li> <li>◦ AN/ALQ-126B WRAs</li> <li>◦ AN/ALR-67 WRAs</li> <li>◦ Publications</li> <li>◦ Safety Procedures</li> </ul> <p>Upon completion, the graduate will be able to operate and maintain the AN/USM-458 NEWTS in a shop environment under limited supervision.</p>

Delivery Method .	Course C-198-3068: Total Course of Instruction..... 480 hours Instructor-Led..... 136 hours Instructor-Led with CAI..... 0 hours ICW ..... 0 periods PA/Laboratory ..... 344 hours PJT (On-Aircraft Repair) ..... 0 hours
Location.....	° MTU 1038 NAMTRAU Lemoore ° MTU 1039 NAMTRAU Oceana
Length.....	86 days
RFT date.....	Currently available
Skill identifier.....	AT 6618
TTE/TD.....	° AN/USM-458 NEWTS ° AN/USM-458 Test Set ° AN/USM-392B Test Equipment ° AN/ALQ-126B WRAs ° AN/ALR-67 WRAs
Prerequisite.....	C-100-2017, Avionics Technician I Level Class A1

<b>Title .....</b>	<b>Radar Altimeter Equipment Intermediate Maintenance</b>
CIN .....	D/E-102-6109
Model Manager ...	NAMTRAU 1067 North Island, California
Description .....	This track provides training to the AT, including: ° AN/APN-171B (V) Radar Altimeter System ° AN/APQ-107 Radar Altimeter Warning System ° AN/APN-194 (V) Radar Altimeter System ° AN/APM-403 Test Set  Upon completion, the student will be able to perform as a Radar Altimeter Equipment Intermediate Maintenance Technician in a shop environment under limited supervision.

Delivery Method .	Course C-102-4051: Total Course of Instruction..... 160 hours Instructor-Led..... 79 hours Instructor-Led with CAI..... 0 hours ICW ..... 0 periods PA/Laboratory ..... 81 hours PJT (On-Aircraft Repair) ..... 0 hours
Location.....	° MTU 1067 NAMTRAU North Island ° MTU 1038 NAMTRAU Lemoore ° MTU 1007 NAMTRAU Oceana ° MTU 1068 NAMTRAU Jacksonville
Length.....	30 days
RFT date .....	Currently available
Skill identifier .....	AT 6605 (E-3 through E-7)
TTE/TD .....	TTE: ° AN/APM-403, Radar Altimeter TS ° AN/APN-171B (V) Radar Altimeter System ° AN/APQ-107 Radar Altimeter Warning System ° AN/APN-194 (V) Radar Altimeter System TD: None
Prerequisites .....	C-100-2017, Avionics Technician I Level Class A1

<b>Title .....</b>	<b>TACAN Radio Navigation Equipment Intermediate Maintenance</b>
CIN .....	D/E-102-6113
Model Manager ..	MTU 1007 NAMTRAU Oceana
Description .....	This track provides training to the AT, including: ° AN/AYK-14 (V) Digital Data Computer ° AN/ARN-84 (V) TACAN System ° AN/ARN-118 (V) TACAN System Upon completion, the graduate will be able to perform radar altimeter equipment repairs in a shop environment under limited supervision.

Delivery Method .	<p>Course 102-4018:</p> <p>Total Course of Instruction..... 40 hours</p> <p>Instructor-Led..... 19 hours</p> <p>Instructor-Led with CAI..... 0 hours</p> <p>ICW ..... 0 periods</p> <p>PA/Laboratory ..... 21 hours</p> <p>PJT (On-Aircraft Repair) ..... 0 hours</p> <p>Course C-102-4050:</p> <p>Total Course of Instruction..... 154 hours</p> <p>Instructor-Led..... 74 hours</p> <p>Instructor-Led with CAI..... 0 hours</p> <p>ICW ..... 0 periods</p> <p>PA/Laboratory ..... 80 hours</p> <p>PJT (On-Aircraft Repair) ..... 0 hours</p>
Locations .....	<ul style="list-style-type: none"> <li>° MTU 1007 NAMTRAU Oceana</li> <li>° MTU 1038 NAMTRAU Lemoore</li> </ul>
Length .....	37 days
RFT date .....	Currently available
Skill identifier .....	AT 6612
TTE/TD .....	<p>TTE:</p> <ul style="list-style-type: none"> <li>° AN/AYK-14 (V) Digital Data Computer</li> <li>° AN/ARN-84 (V) TACAN System</li> <li>° AN/ARN-118 (V) TACAN System</li> </ul> <p>TD: None</p>
Prerequisite .....	C-100-2017, Avionics Technician I Level Class A1

<b>Title.....</b>	<b>Digital Test Set Operator/Maintainer Computer Group Intermediate Maintenance</b>
CIN .....	E-102-6114
Model Manager ...	MTU 1083 NAMTRAU Whidbey Island
Description .....	This track provides training to the AT, including: ° GT-3 (A) Test Station and Software ° OJ-510/ALM Digital Test Bench Upon completion, the graduate will be able to perform radar altimeter equipment repairs in a shop environment under limited supervision.
Delivery Method .	Course C-102-4748: Total Course of Instruction..... 32 hours Instructor-Led..... 8 hours Instructor-Led with CAI..... 0 hours ICW ..... 0 periods PA/Laboratory ..... 32 hours PJT (On-Aircraft Repair) ..... 0 hours Course C-102-4758: Total Course of Instruction..... 426 hours Instructor-Led..... 130 hours Instructor-Led with CAI..... 0 hours ICW ..... 0 periods PA/Laboratory ..... 296 hours PJT (On-Aircraft Repair) ..... 0 hours
Location.....	MTU 1083 NAMTRAU Whidbey Island
Length.....	115 days
RFT date .....	Currently available
Skill identifier.....	NEC 6680
TTE/TD .....	TTE: ° GT-3 (A) Test Station and Software ° OJ-510/ALM Digital Test Bench TD: None
Prerequisite.....	C-100-2017, Avionics Technician I Level Class A1

<b>Title.....</b>	<b>F-18E/F F414-GE-400 Engine Third Degree Intermediate Maintenance</b>
CIN .....	E-601-3012
Model Manager ...	MTU 1038 NAMTRAU Lemoore
Description .....	This track provides training to the AD, including: <ul style="list-style-type: none"> <li>° Third Degree F414-GE-400 Engine Repair</li> </ul> Upon completion, the graduate will be able to perform third degree F414-GE-400 Engine repair in a shop environment under limited supervision.
Delivery Method .	Course C-601-4866: Total Course of Instruction..... 80 hours Instructor-Led..... 12 hours Instructor-Led with CAI..... 0 hours ICW ..... 0 periods PA/Laboratory ..... 68 hours PJT (On-Aircraft Repair) ..... 0 hours
Location.....	° MTU 1038 NAMTRAU Lemoore ° MTU 1039 NAMTRAU Oceana
Length.....	16 days
RFT date .....	Currently available
Skill identifier .....	NEC 6425
TTE/TD .....	TTE: F414-GE-400 Engine TD: None
Prerequisite.....	° C-601-2011, Aviation Machinist's Mate Common Core Class A1 ° C-601-2014, Aviation Machinist's Mate Turbojet Aircraft Fundamentals Strand Class A1

Title.....	<b>F/A-18 Electrical Components Intermediate Maintenance</b>
CIN .....	D/E-602-5007
Model Manager ...	MTU 1038 NAMTRAU Lemoore
Description .....	<p>This track provides training to the Aviation Electrician’s Mate, including:</p> <ul style="list-style-type: none"> <li>◦ Electrical Components Troubleshooting Beyond BIT</li> <li>◦ Use of Electrical Test Equipment</li> <li>◦ Carrier Airborne Inertial Navigation System</li> <li>◦ Navigation Equipment</li> <li>◦ Publications and Safety Procedures</li> </ul> <p>Upon completion, the graduate will be able to perform F/A-18 electrical components maintenance in a shop environment under limited supervision.</p>
Delivery Method .	<p>Course C-602-3869:</p> <p>Total Course of Instruction..... 56 hours</p> <p>Instructor-Led..... 16 hours</p> <p>Instructor-Led with CAI..... 0 hours</p> <p>ICW ..... 0 periods</p> <p>PA/Laboratory ..... 40 hours</p> <p>PJT (On-Aircraft Repair) ..... 0 hours</p>
Location.....	<ul style="list-style-type: none"> <li>◦ MTU 1039 NAMTRAU Oceana</li> <li>◦ MTU 1038 NAMTRAU Lemoore</li> </ul>
Length.....	12 days
RFT date .....	Currently available
Skill identifier.....	AE 7184
TTE/TD .....	F/A-18 Electrical System WRAs
Prerequisite.....	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-602-2039, Aviation Electrician’s Mate O Level Strand Class A1</li> </ul>

<b>Title.....</b>	<b>Strike Armament Systems Intermediate Maintenance</b>
CIN .....	D/E-646-7001
Model Manager ...	MTU 4032 NAMTRAU Norfolk
Description .....	<p>This track provides training to the AO, including:</p> <ul style="list-style-type: none"> <li>° Flare Dispensers</li> <li>° Airborne Missile Launchers</li> <li>° F-14 Strike Armament Equipment</li> <li>° M61 Automatic Gun and Ammunition Handling System</li> <li>° Link less Ammunition Loading System</li> </ul> <p>Upon completion, the graduate will be able to perform armament system equipment repairs in a shop environment under limited supervision.</p>
Delivery Method .	<p>Course C-646-3118:</p> <p>Total Course of Instruction..... 360 hours</p> <p>Instructor-Led..... 82 hours</p> <p>Instructor-Led with CAI..... 0 hours</p> <p>ICW ..... 0 periods</p> <p>PA/Laboratory ..... 278 hours</p> <p>PJT (On-Aircraft Repair) ..... 0 hours</p>
Location.....	<ul style="list-style-type: none"> <li>° MTU 4032 NAMTRAU Norfolk</li> <li>° MTU 4033 NAMTRAU North Island</li> </ul>
Length.....	65 days
RFT date.....	Currently available
Skill identifier.....	6802

TTE/TD .....	<p>TTE:</p> <ul style="list-style-type: none"> <li>° SUU-44/A Parachute Flare Dispenser</li> <li>° SUU-25F/A Parachute Flare Dispenser</li> <li>° AERO 7 Series Bomb Ejector Rack</li> <li>° BRU-14 Series Bomb Ejector Rack</li> <li>° BRU-10 Series Bomb Ejector Rack</li> <li>° BRU-10 Series Bomb Ejector Rack</li> <li>° A/A37B-6 Multiple Ejector Rack</li> <li>° A/A 37B-5 Triple Ejector Rack</li> <li>° BRU-41 Series Improved Multiple Ejector Rack</li> <li>° BRU 42 Series Improved Triple Ejector Rack</li> <li>° SUU-62 Series Centerline Pylon</li> <li>° MXU-611 Fuel Tank Release</li> <li>° AERO 5/LAU-118 Guided Missile Launcher</li> <li>° M61A1 Automatic Gun System</li> </ul> <p>TD: None</p>
Prerequisite.....	<ul style="list-style-type: none"> <li>° C-646-2011, Aviation Ordnanceman Class A1</li> <li>° C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>

**(c) Other Applicable Maintenance Courses and Tracks.** The following organizational and intermediate level maintenance tracks are illustrated in detail in other NTSPs and therefore, will not be duplicated in Part I of this NTSP, however, they will be included in Part II of this NTSP to identify the increase in student throughput as a result of the EA-18G program.

<b>TRACK TITLE</b>	<b>CIN</b>	<b>RATING</b>	<b>NEC</b>	<b>NTSP</b>
F/A-18E/F Supervisor Familiarization Organizational Maintenance	C-600-3867	Maintenance Supervisor	NA	A-50-7703I/D October 2002
F/A-18E/F Power Plants and Related Systems (Initial) Organizational Maintenance	E-601-0617	AD	8841	A-50-7703I/D October 2002
F/A-18E/F Power Plants and Related Systems (Career) Organizational Maintenance	E-601-0619	AD	8341	A-50-7703I/D October 2002

<b>TRACK TITLE</b>	<b>CIN</b>	<b>RATING</b>	<b>NEC</b>	<b>NTSP</b>
F/A-18E/F Non-Designated Airman/Plane Captain	E-602-0601	AN	NA	A-50-7703I/D October 2002
F/A-18E/F Electrical/Instrument Systems (Initial) Organizational Maintenance	E-602-0654	AE	8841	A-50-7703I/D October 2002
F/A-18E/F Electrical/Instrument Systems (Career) Organizational Maintenance	E-602-0656	AE	8341	A-50-7703I/D October 2002
F/A-18E/F Safety Equipment (Initial) Organizational Maintenance	E-602-0664	AME	8841	A-50-7703I/D March 2002
F/A-18E/F Safety Equipment (Career) Organizational Maintenance	E-602-0666	AME	8341	A-50-7703I/D October 2002
F/A-18E/F Hydraulic and Structure Systems (Initial) Organizational Maintenance	E-602-0686	AM	8841	A-50-7703I/D October 2002
F/A-18E/F Hydraulic and Structure Systems (Career) Organizational Maintenance	E-602-0688	AM	8341	A-50-7703I/D October 2002
AN/USM-429 Computerized Automatic Test Station (CAT IIID) Operation/Maintenance	D/E-198-6005	AT	6686	A-50-8709B/A April 1999
AN/USM-484 Hybrid Test Station (HTS) Operation/Maintenance	D/E-198-6045	AT	6688	A-50-8708C/A April 1999
Naval Aircraft Non-Destructive Inspection Technician Class C1	C-603-3191	AM	7225	A-50-8518B/A June 2001
Airframes Intermediate Maintenance	D/E-603-4007	AM	7232	A-50-8404D/A May 2001
CASS High Power Configuration Operator / Maintainer	D/E-198-6104	AT	6723	A-50-8515C/A January 2002

<b>TRACK TITLE</b>	<b>CIN</b>	<b>RATING</b>	<b>NEC</b>	<b>NTSP</b>
A/F37T-21 Aircraft Engine Components Test Stand (AECTS) Operator / Maintainer	M-602-5020	AE	7140	A-50-9902A/A October 2002
F/A-18 A/F-27T-10 Operator / Maintainer	D/E-602-4011	AM	7227	A-50-9503/A February 2001
Consolidated Automated Support System (CASS) Test Station Intermediate Operator / Maintainer	D/E-198-6102	AT	6704	A-50-8515C/A January 2002
Aircrew Survival Equipment Intermediate Maintenance Pipeline	C-602-2040	PR	7356	A-50-8603C/A

**f. Student Profiles**

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
1311, 1312, 1321, 1322	<ul style="list-style-type: none"> <li>◦ Q-2A-0007, T-45 Strike Flight Training</li> <li>◦ Q-2A-0005, Intermediate Strike Flight Training</li> <li>◦ Q-2A-0006, Advanced Strike Flight Training</li> <li>◦ E-2D-0032, Survival, Evasion, Resistance, and Escape Training</li> <li>◦ J-495-0413, Shipboard Aircraft Firefighting</li> </ul>
AD 8841, 6425	<ul style="list-style-type: none"> <li>◦ C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>◦ C-601-2014, Aviation Machinist's Mate Turbojet Aircraft Fundamentals Strand Class A1</li> </ul>
AD 8341	<ul style="list-style-type: none"> <li>◦ C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>◦ C-601-2014, Aviation Machinist's Mate Turbojet Aircraft Fundamentals Strand Class A1</li> <li>◦ E-601-0617, F/A-18E/F Power Plants and Related Systems (Initial) Organizational Maintenance</li> </ul>
AE 8841	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-602-2039, Aviation Electrician's Mate O Level Strand Class A1</li> </ul>

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AE 8341	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-602-2039, Aviation Electrician’s Mate O Level Strand Class A1</li> <li>◦ E-602-0654, F/A-18E/F Electrical/Instrument Systems (Initial) Organizational Maintenance</li> </ul>
AE 7140, 7184, 9526	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2017, Avionics Technician Intermediate Level Class A1</li> </ul>
AME 8341	<ul style="list-style-type: none"> <li>◦ C-602-2033, Aviation Structural Mechanic E (Safety Equipment) Common Core Class A1</li> <li>◦ C-602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1</li> <li>◦ D/E-602-0664, F/A-18E/F Safety Equipment (Initial) Organizational Maintenance</li> </ul>
AME 8841	<ul style="list-style-type: none"> <li>◦ C-602-2033, Aviation Structural Mechanic E (Safety Equipment) Common Core Class A1</li> <li>◦ C-602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1</li> </ul>
AM 7225, 7227, 7232	<ul style="list-style-type: none"> <li>◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>◦ C-602-2032, Aviation Structural Mechanic (Structures and Hydraulics) Intermediate Level Strand Class A1</li> </ul>
AM 8341	<ul style="list-style-type: none"> <li>◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1</li> <li>◦ C-603-0176, Aviation Structural Mechanic (Structures and Hydraulic) Intermediate Level Strand Class A1</li> <li>◦ E-602-0686, F/A-18E/F Hydraulic and Structural Systems (Initial) Organizational Maintenance</li> </ul>
AM 8841	<ul style="list-style-type: none"> <li>◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1</li> <li>◦ C-603-0176, Aviation Structural Mechanic (Structures and Hydraulic) Intermediate Level Strand Class A1</li> </ul>

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AO 83XX	<ul style="list-style-type: none"> <li>◦ C-646-2011, Aviation Ordnanceman Class A1</li> <li>◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> <li>◦ E-646-0642, F/A-18E/F Armament Systems (Initial) Organizational Maintenance</li> </ul>
AO 88XX, 6802	<ul style="list-style-type: none"> <li>◦ C-646-2011, Aviation Ordnanceman Class A1</li> <li>◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>
AT 6605, 6607, 6609, 6612, 6618, 6680, 6686, 6688, 6704, 6723, 9526	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2017, Avionics Technician Intermediate Level Class A1</li> </ul>
AT 83XX	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2018, Avionics Technician Organizational Level Class A1</li> <li>◦ E-102-0623, F/A-18E/F Avionics System (Initial) Organizational Maintenance</li> </ul>
AT 83XX	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2018, Avionics Technician Organizational Level Class A1</li> <li>◦ D/E-102-0622, F/A-18 Avionics System Initial Organizational Maintenance</li> </ul>

**h. Training Pipelines.** New training pipelines will be developed to support Pilot and NFO follow-on training and AO and AT organizational level maintenance follow-on training.

## I. ONBOARD (IN-SERVICE) TRAINING

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

**a. Maintenance Training Improvement Program.** NA

**b. Aviation Maintenance Training Continuum System.** Aviation Maintenance Training Continuum System (AMTCS) will provide career path training to the Sailor from their

initial service entry to the end of their military career. AMTCS concepts will provide 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. Where appropriate, capitalizing on technological advances and integrating systems and processes can provide the right amount of training 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: IMI for the technicians in the Fleet in the form of ICW with CMI and CAI for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module, which provides testing (Test and Evaluation), recording (Electronic Certification Qualification Records), 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 data bank. These tools are procured and fielded with appropriate Commercial Off-The-Shelf hardware and software, i.e., Training Devices - Laptops, Personal Computers, Electronic Classrooms, Learning Resource Centers (LRC), operating software, and network software and hardware.

AMTCS will serve as the in-service training system for EA-18G aviation maintenance training beginning in FY09.

**2. Personnel Qualification Standards.** Training syllabi will be used vice Personnel Qualification Standard (PQS) to track maintenance and aircrew personnel qualifications for the EA-18G Aircraft systems. VFA-122 FRS has developed the training syllabus that is applicable to the EA-18G maintenance personnel for the AD, AE, AME, and AM ratings. The training syllabi for aircrew will be developed by the VFAQ FRS. The training syllabi for maintenance personnel for the AO and AT ratings will be developed by the NAMTRAU.

**3. Other Onboard or In-Service Training Packages. NA**

**J. LOGISTICS SUPPORT**

**1. Manufacturer and Contract Numbers**

<b>CONTRACT NUMBER</b>	<b>MANUFACTURER</b>	<b>NOMENCLATURE</b>
N00019-00-G-0425	NGC (Prime) MDC (Sub)	Pre-SDD Phase 1-Engineering Studies

<b>CONTRACT NUMBER</b>	<b>MANUFACTURER</b>	<b>NOMENCLATURE</b>
N00019-00-G-0167	MDC (Prime) NGC (Sub)	Pre-SDD Phase 2-Engineering Studies
N00019-04-C-0005	MDC (Prime) NGC (Sub)	SDD
N00019-03- X-XXXX	MDC (Prime) NGC (Sub)	LRIP
N00019-03- X-XXXX	MDC (Prime) NGC (Sub)	Full Rate Production
N00019-04-C-0005	MDC	EA-18G Trainer Development
N00019-04-C-0041	Boeing	Fleet Integrated Readiness Support Team (FIRST)
N00019-03-C-0361	Boeing	Government Integrated Logistics Support (GILS) (prior to 11/30/03)
N00019-99-C-1175	Boeing	Government Integrated Logistics Support (GILS) (after 11/30/03)
N00019-04-C-0005	MDC	Trainers and Training
N68936-02-C-0043	MDC	Systems Configuration Set Support, Software Development, Integration, Test, and Support
N68936-07-X-XXXX	MDC	Systems Configuration Set Support, Software Development, Integration, Test, and Support

## 2. Program Documentation

<b>TITLE</b>	<b>NUMBER</b>	<b>DATE</b>
Operational Requirements Document (ORD) for AEA	N780C3/2U651267	28 August 2002
Draft Test and Evaluation Master Plan (TEMP) for AEA Integration into the F/A-18E/F	TEMP 0201-08	10 June 2003

TITLE	NUMBER	DATE
EA-18G AEA SDD Milestone B Acquisition Strategy	NA	July 2003
Manpower Estimate Report for the EA-18G AEA Aircraft	NA	August 2003

**3. Technical Data Plan.** Technical data and manuals will be developed using existing F/A-18E/F manuals as a baseline. The technical data and manuals will be validated by MDC and verified by AIR 3.1, the designated review activity for technical data.

**a. Development Manuals.** Development Manuals (DM) will be provided to support the initial delivery of SDD aircraft. DMs will be supplied in paper copy and Interactive Electronic Technical Manual (IETM) media and will be available for use during instructor training. IETMs will display text, table, and graphics data to support organizational level maintenance. This data will then be organized by system/subsystem and by type of maintenance action. This data will then be organized into three basic categories: descriptive, testing/troubleshooting, and maintenance.

**b. Formal Technical Manuals.** The DMs will be updated and converted to formal technical manuals by MDC. Formal technical manuals will be available for the RFT date in IETMs media. Support Equipment (SE), intermediate, and depot level technical manuals are supplied on a schedule that coincides with Navy maintenance capability requirements.

**4. Support Equipment, Special Test Equipment, and Tools.** Existing Department of Defense (DoD) and Navy SE will be used to the maximum extent practicable. Newly designed EA-18G AEA avionics systems designated for organic repair will be compatible with the AN/USM-636(V) CASS. All intermediate and organic depot level test requirements will utilize CASS unless significant economic and readiness benefits result from the use of a unique test set. LORA will be performed to determine if Navy organic or contractor support is more cost-effective. MDC will review and analyze SA and engineering data to determine SE and logistics requirements, define operational parameters, and identify functional requirements. Through the SA process, the contractor will identify, select, and recommend all aircraft common SE and Peculiar Support Equipment (PSE), hand tools, facility and shop equipment, and logistics requirements. The contractor will also evaluate the impacts of AEA specific mission items such as automatic wiring analysis equipment, shipboard deck edge power, hangar power, mobile electric power plants, arresting gear, and aircraft slings. Both physical and functional SE requirements will be generated from and traceable to SA data. MDC will identify with SE Recommendation Data all new SE required to support the EA-18G. BIT will be used extensively at the organizational level where, as a goal, SE will be limited to General Purpose Electronic Test Equipment (GPETE) and common hand tools.

**5. Repair Parts.** Navy Inventory Control Point (NAVICP) Philadelphia has management and Program Support Inventory Control Point (PSICP) responsibility for all non-explosive aircraft components and support equipment. AEA mission equipment will be analyzed for spares requirements during the Logistics Support Analysis (LSA) process. Provisioning Parts Lists, Interim Support Items Lists and Long Leads Items Lists will be identified in the Logistics Support Analysis Report (LSAR). New AEA WRA/SRAs will be considered for support by an industry teaming agreement such as F/A-18E/F Integrated Readiness Support Team or ICAP III Performance Based Logistics. F414 Engine Spares and Repair Parts (S&RP) will be provided by the same Government Industry Logistics Support for the current F/A-18E/F.

**a. Interim Supply Support Program.** The EA-18G Interim Supply Support (ISS) Program will ensure the development of requirements and acquisition of S&RPs to support the overall flight test program and to provide initial support to the training and operational sites. The program includes non-explosive and explosive components of the aircraft. The goal of the program is the development and delivery of material support for the weapon system and associated SE to achieve and sustain the prescribed levels of operational readiness during introduction and initial build-up. EA-18G ISS Contractor planning during SDD includes a Contractor supported flight test program, selective Contractor support during Operational Evaluation (OPEVAL), and identification of S&RP requirements for the phased support period.

The maintenance and supply support approach used for the F/A-18E/F during development is planned for the EA-18G during SDD. The EA-18G weapon system will complete OPEVAL with full organic support for aircraft organizational level maintenance. The Navy will perform intermediate and depot level maintenance during OT&E for those common systems where organic capability exists and for selected contractor furnished items when intermediate level capability has been achieved. Intermediate and depot level maintenance supply and support for contractor furnished items will be provided by MDC and NGC.

**b. Post-Material Support Date Supply Support Requirements.** The Post-Material Support Date (MSD) supply support program will determine requirements, compute quantities and procure and provide S&RPs to support flight operations at specified readiness levels within Life Cycle Cost and budget objectives. S&RP requirements are traceable to the end item, system, subsystem, and component or SE maintenance plans through the LSAR. The Contractor for the aircraft systems and SE will recommend SDD spares requirements. Usage data resulting from the SDD phase will be inserted into the LSAR replacement factors of maintenance significant items and influence the spares computation and asset selection processes into LRIP.

**6. Human Systems Integration.** HSI is an overarching element of systems engineering and the "HSI Process" is one of engineering coordination, facilitation, and advocacy with each competency participating in the design and logistics processes. As part of the systems engineering process, the goal of HSI is to balance the manpower, personnel, training, human factors, systems safety, occupational safety and health, environmental hazards, personnel survivability, and habitability requirements and design goals and constraints. An effective HSI

program will increase overall system performance at the lowest total ownership cost by considering the capabilities and limitations of the warfighter throughout the system lifecycle. AIR 4.6 is the NAVAIR lead for Human System Integration engineering policies, processes, and tools. AIR 4.6 assists program IPTs by providing administrative, analytical, and technical support in implementing Human Systems Integration practices within their specific programs and program strategies. Additionally, the EA-18G program will conform to processes established by the NAVAIR Human Systems Integration Management Board.

**a. Human Factors Engineering.** The EA-18G has a Human Factors Engineering (HFE) Program that will address the man-machine interface, leveraging off the existing F/A-18E/F HFE program. The EA-18G will not require extensive physical or sensory skills, complex manpower or training tasks, or system characteristics that result in frequent or critical errors. Cognitive skill requirements will be analyzed since more Pilot involvement will be necessary for the execution of the AEA mission. If necessary, additional Training Devices will be added to address any cognitive requirements as they arise. EA-18G components and Support Equipment (where applicable) will have the mobility to allow them to be compatible with at-sea and remote land-based operations.

**b. Manpower.** Preliminary manpower documents have been developed for EA-18G squadrons, the FRS, and SEAOPDETs. A Manpower Estimate Report for the EA-18G has been developed and submitted for approval. The Manpower Estimate Report addresses HSI and EA-18G program manpower risks.

**c. Personnel.** Personnel considerations were included in the development of the manpower documents, and will be used as inputs to the Instructional Systems Development process.

**d. Training.** HSI factors that affect training are discussed in detail in paragraph H.4 above of this NTSP.

**e. Habitability.** The EA-18G program utilizes the already proven cockpit of the F/A-18F Aircraft, and will be operated primarily in an aircraft carrier environment.

**f. Environment, Safety, and Occupational Health (ESOH).** An F/A-18E/F Programmatic Environmental, Safety, and Occupational Health (ESOH) Evaluation (PESHE) was approved by the Assistant Secretary of the Navy for Research and Development on 28 March 2000, which describes PMA265's strategy for meeting ESOH requirements, establishing responsibilities, and identifying how progress will be tracked. The F/A-18E/F platform has successfully met all acquisition milestones and is now in Full Rate Production. All required environmental documentation has been approved and is in place.

The EA-18G program will leverage the F/A-18E/F and EA-6B ICAP III PESHEs and other related ESOH documentation to establish an ESOH foundation for the EA-18G program. The EA-6B ICAP III PESHE was approved 25 February 1998 and is being revisited in

support of the Milestone III decision. Existing F/A-18E/F ESOH program tracking methods and databases will also be used for the EA-18G program. PMA265's and PMA 234's ESOH Managers are responsible for implementing ESOH requirements and ensuring appropriate integration into various Systems Engineering functions. To ensure a successful integration, the PMA265 ESOH Manager will use the Green Hornet Team to oversee and guide ESOH requirements for the EA-18G Program and to integrate ESOH considerations into systems engineering. The Green Hornet Team is comprised of Government, F/A-18E/F contractors, and industry representatives, whose goal is to manage ESOH risks while ensuring the success of aircraft production and deployment. The ESOH Manager and designated representatives are integral to the EA-18G IPTs.

The EA-18G program is in the process of preparing a PESHE to address specific ESOH considerations. Refer to the PESHE for information regarding:

- Environmental, Safety, and Occupational Health Compliance
- National Environmental Policy Act
- Safety and Health
- HAZMAT Management

Overall, ESOH risks with the EA-18G are expected to be low, considering that this effort involves integration of existing ICAP III and AEA components into the F/A-18F platform. Risks identified by the PESHE will be tracked and managed using the PMA265 risk management process as documented in the December 2002 Risk Management Plan.

**g. Survivability.** Early Electromagnetic Environment testing demonstrated that the existing F/A-18F provides adequate protection for aircrew during jamming operations. Additionally, all personnel survivability and habitability requirements have been met through the existing F/A-18E/F program.

## K. SCHEDULES

**1. Delivery Schedule.** Current plans are to procure 90 EA-18G Aircraft with delivery scheduled between first quarter FY08 and third quarter FY13. The first four EA-18Gs will be SDD aircraft designated SDD #1 through SDD #4. The remaining 86 aircraft will be production aircraft designated PROD #1 through PROD #86. Upon completion of DT&E and OT&E the four SDD aircraft will be assigned to the FRS. Production aircraft PROD #1 through PROD #61 will be used to populate one 12-aircraft FRS, nine five-aircraft VFAQ squadrons and one six aircraft forward deployed VFAQ squadron, and provide three test aircraft. Production aircraft PROD #62 through PROD #86 will be used as pipeline and attrition aircraft. Delivery of the EA-18G will be in accordance with the following schedule:

## EA-18G DELIVERY SCHEDULE

AIRCRAFT	FY08	FY09	FY10	FY11	FY12	FY13	DESTINATION
SDD #1	1st Qtr						FRS (Note 1)
SDD #2	2nd Qtr						FRS (Note 2)
SDD #3	3rd Qtr						FRS (Note 3)
SDD #4	4th Qtr						FRS
PROD #1		1st Qtr					VFAQ-1 (Note 4)
PROD #2		1st Qtr					VFAQ-1 (Note 5)
PROD #3		1st Qtr					VFAQ-1 (Note 5)
PROD #4		2nd Qtr					VFAQ-1 (Note 5)
PROD #5		2nd Qtr					VFAQ-1 (Note 5)
PROD #6		2nd Qtr					FRS
PROD #7		3rd Qtr					FRS
PROD #8		3rd Qtr					VFAQ-2 (Note 5)
PROD #9		3rd Qtr					VFAQ-2 (Note 5)
PROD #10		4th Qtr					VFAQ-2 (Note 5)
PROD #11		4th Qtr					VFAQ-2 (Note 5)
PROD #12		4th Qtr					VFAQ-2
PROD #13			1st Qtr				Test Aircraft
PROD #14			1st Qtr				FRS
PROD #15			1st Qtr				VFAQ-3 (Note 5)
PROD #16			1st Qtr				VFAQ-3 (Note 5)
PROD #17			1st Qtr				VFAQ-3
PROD #18			2nd Qtr				VFAQ-3
PROD #19			2nd Qtr				VFAQ-3
PROD #20			2nd Qtr				Test Aircraft
PROD #21			2nd Qtr				FRS
PROD #22			2nd Qtr				VFAQ-4
PROD #23			3rd Qtr				VFAQ-4
PROD #24			3rd Qtr				VFAQ-4
PROD #25			3rd Qtr				VFAQ-4
PROD #26			3rd Qtr				VFAQ-4

AIRCRAFT	FY08	FY09	FY10	FY11	FY12	FY13	DESTINATION
PROD #27			3rd Qtr				VFAQ-5
PROD #28			4th Qtr				VFAQ-5
PROD #29			4th Qtr				VFAQ-5
PROD #30			4th Qtr				VFAQ-5
PROD #31			4th Qtr				VFAQ-5
PROD #32			4th Qtr				FRS
PROD #33				1st Qtr			VFAQ-6
PROD #34				1st Qtr			VFAQ-6
PROD #35				1st Qtr			VFAQ-6
PROD #36				1st Qtr			VFAQ-6
PROD #37				1st Qtr			VFAQ-6
PROD #38				2nd Qtr			FRS
PROD #39				2nd Qtr			VFAQ-7
PROD #40				2nd Qtr			VFAQ-7
PROD #41				2nd Qtr			VFAQ-7
PROD #42				2nd Qtr			VFAQ-7
PROD #43				3rd Qtr			VFAQ-7
PROD #44				3rd Qtr			FRS
PROD #45				3rd Qtr			VFAQ-8
PROD #46				3rd Qtr			VFAQ-8
PROD #47				3rd Qtr			VFAQ-8
PROD #48				4th Qtr			VFAQ-8
PROD #49				4th Qtr			VFAQ-8
PROD #50				4th Qtr			Test Aircraft
PROD #51				4th Qtr			VFAQ-9 (Note 5)
PROD #52				4th Qtr			VFAQ-9 (Note 5)
PROD #53					1st Qtr		VFAQ-9
PROD #54					1st Qtr		VFAQ-9
PROD #55					1st Qtr		VFAQ-9
PROD #56					1st Qtr		VFAQ-10 (Note 5)
PROD #57					1st Qtr		VFAQ-10 (Note 5)

<b>AIRCRAFT</b>	<b>FY08</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>DESTINATION</b>
PROD #58					2nd Qtr		VFAQ-10
PROD #59					2nd Qtr		VFAQ-10
PROD #60					2nd Qtr		VFAQ-10
PROD #61					2nd Qtr		FRS
PROD #62 – PROD #86					2nd Qtr	3rd Qtr	Attrition/SDLM

**Note 1:** Aircraft SDD #1 will be used for DT assist and Production Verification prior to being delivered to the FRS.

**Note 2:** Aircraft SDD #2 will be used for V&V, OT&E training, and OT&E prior to being delivered to the FRS.

**Note 3:** Aircraft SDD #3 will be used for OT&E training and OT&E prior to being delivered to the FRS.

**Note 4.** Aircraft PROD #1 will be used for OT and training at the FRS before being delivered to the squadron.

**Note 5.** These 14 aircraft will be used for training at the FRS before being delivered to the squadron.

**2. Ready For Operational Use Schedule.** The EA-18G will be Ready For Operational Use upon receipt.

**3. Time Required to Install at Operational Sites.** NA

**4. Foreign Military Sales and Other Source Delivery Schedule.** NA

**5. Training Device and Delivery Schedule.** MDC will provide DT/OT Training and the first article aircrew and maintenance trainers. TDs to enhance aircrew and maintenance training will be required. These devices will likely be similar to WST, TOFT, and Maintenance Trainers; however; configuration and integration requirements are still to be determined.

**a. Tactical Operational Flight Trainer.** The TOFT is designed to support training for FRS students and Fleet aviators. The TOFT will emulate the basic flight mechanics and procedures, including instrument flight and weapon systems procedures. The emphasis will be on advanced weapons systems employment and mission rehearsal for post-FRS training. The throughputs necessary to man 10 EA-18G squadrons identify a need for three TOFTs at the VFAQ FRS. These TDs will need to be EA-18G specific in support of FRS/Advanced

Operational/Flight/Navigation Training, AEA Tactics/Mission Integration Training, and AEA Mission Rehearsal Training.

**b. Maintenance Trainer.** At this time, F/A-18E/F common maintenance trainers and courseware will be utilized. However, due to the EA-18G AEA mission, a training requirement has been identified for ATs and AOs that is unique to the EA-18G. Maintenance trainers will be required to support AEA unique avionics, AN/ALQ-99 loading requirements, ALQ-218 Wingtip Pod Antennas, gun bay pallet (AEA specific WRAs), and Bay 5R (AEA specific WRAs).

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

**M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS**

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
Acquisition Logistics Support Plan	F/A-18E/F Weapon System	PMA265F	Approved Apr 99
F/A-18 Aircraft NTSP	N88-NTSP-A-50-7703I/D	PMA265	Draft Oct 02
EA-6B ICAP II and III NTSP	N88-NTSP-A-50-7904E/D	PMA234	Draft Jul 03
AN/USM-429 (V) Computerized Automatic Test Set CAT IIID NTSP	N88-NTSP-A-50-8709B/A	PMA260	Approved Apr 99
AN/USM-484 Hybrid Test System NTSP	N88-NTSP-A-50-8708C/A	PMA260	Approved Apr 99
Non-Destructive Inspection Program NTSP	N88-NTSP-A-50-8518B/A	PMA205	Approved Jun 01
Advanced Composite Material Repair Program NTSP	N88-NTSP-A-50-8404D/A	PMA205	Approved May 01
A/F 37T-21 Aircraft Engine Component Test Stand NTSP	N88-NTSP-A-50-9902A/A	PMA260	Approved Oct 02

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
A/F 27T-10 Aircraft Hydraulic Component Test Stand NTSP	N88-NTSP-A-50-9503/A	PMA260	Approved Feb 01
AIM-120 Advanced Medium Range Air-to-Air Missile NTSP	N88-NTSP-A-50-8111C/A	PMA268	Approved Jun 98
AGM-65E/F Maverick Missile Systems NTSP	N88-NTSP-A-50-8501C/D	PMA242	Draft May 02
AN/ALR-67(V)3&4 Countermeasure Receiver Set NTSP	N88-NTSP-A-50-9102A	PMA272	Approved Aug 95
AN/USM-636(V) Consolidated Automated Support System (CASS) NTSP	N88-NTSP-A-50-8515C/A	PMA265	Approved Jan 02
AN/ARC-182 (V) Radio Set NTSP	N88-NTSP-A-50-8115D/A	PMA209	Approved Mar 00
ASM-607(V) Memory Loader Verifier Test Set NTSP	N88-NTSP-A-50-8403/A	PMA265	Approved Jan 92
Integrated Defensive Electronic Countermeasures (IDECM) NTSP	N88-NTSP-A-50-9408/A	PMA272	Approved Jun 95
NAVSTAR Global Positioning System (GPS) NTSP	N88-NTSP-E-70-8006C	PMA177	Approved Jul 95
Naval Aviation Oxygen System NTSP	N88-NTSP-A-50-8603C/A	PMA202	Approved Sep 02
Tactical Airborne Electronics Warfare System (TAEWS) NTSP	N88-NTSP-A-50-8006D/D	PMA253	Draft Feb 94
Joint Helmet Mounted Cueing System NTSP	N88-NTSP-A-50-0103/D	PMA202	Draft May 02

## **PART II - BILLET AND PERSONNEL REQUIREMENTS**

The following elements are not affected by the EA-18G 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.A.3. Training Activities Instructor and Support Billet Requirements

**PART II - BILLET AND PERSONNEL REQUIREMENTS**

**II.A. BILLET REQUIREMENTS**

**SOURCE OF SCHEDULE:** PMA265  
**SOURCE OF MANPOWER:** NAVAIR 3.2.6

**DATE:** May 2003

**DATE:** May 2003

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

<b>ACTIVITY, UIC</b>	<b>PFYs</b>	<b>CFY08</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>
<b>OPERATIONAL ACTIVITIES - USN</b>						
E/A-18G Fleet Squadron	00000	0	0	1	3	4
E/A-18G FRS	00000	0	1	0	0	0
<b>TOTAL:</b>		0	1	1	3	4
<b>FLEET SUPPORT ACTIVITIES - USN</b>						
E/A-18G SEAOPDET	00000	0	0	0	3	3
<b>TOTAL:</b>		0	0	0	3	3

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - USN					
E/A-18G Fleet Squadron, 00000					
ACDU	1	0	1301		
	1	0	1302		
	8	0	1311		
	8	0	1321		
	1	0	1520		
	1	0	6510		
	1	0	CWO3		
	0	3	AD1	8341	
	0	4	AD2	8341	
	0	2	AD3	8841	
	0	2	ADAN	8841	
	0	2	AE1	8341	
	0	3	AE2	8341	
	0	2	AE3	8841	
	0	2	AEAN	8841	
	0	1	AMC	8341	
	0	3	AM1	8341	
	0	4	AM2	8341	
	0	6	AM3	8841	
	0	6	AMAN	8841	
	0	2	AME1	8341	
	0	3	AME2	8341	
	0	1	AME3	8841	
	0	1	AMEAN	8841	
	0	1	AOC	83XX	
	0	1	AO1	83XX	
	0	1	AO2	83XX	
	0	1	AO3	88XX	
	0	1	AOAN		
	0	2	AOAN	88XX	
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	2	APOCS	8341	
	0	7	APOC	8341	
	0	1	APOC	83XX	
	0	1	APO1		
	0	1	APO1	8341	
	0	1	APO1		9590
	0	1	APO1		9595
	0	2	APO2		
	0	2	APO3	8841	
	0	1	ATC	83XX	
	0	2	AT1	83XX	
	0	4	AT2	83XX	
	0	4	AT3	88XX	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	
	OFF	ENL				
ACDU	0	4	ATAN	88XX		
	0	1	AZ1			
	0	3	AZ2			
	0	1	AZ3			
	0	2	AZAN			
	0	2	CTT2			
	0	1	DK2			2905
	0	1	HM2			8406
	0	1	IS3			
	0	1	IT1			2780
	0	1	IT2			2735
	0	2	MS2			
	0	2	MS3			
	0	2	MSSN			
	0	1	NC1			
	0	1	PN1			
	0	1	PN2			
	0	7	PO2			
	0	1	PR1			
	0	1	PR2			
	0	1	PR3			
	0	1	PRAN			
	0	1	SK1			
	0	1	SK2			
	0	2	SKAN			
	0	1	YNC			
	0	1	YN2			
	0	1	YNSN			
	0	37	AN			
	<b>ACTIVITY TOTAL:</b>	21	167			
<b>E/A-18G FRS, 00000</b>						
ACDU	1	0	1301			
	1	0	1302			
	10	0	1311			
	19	0	1312			
	15	0	1321			
	14	0	1322			
	2	0	1520			
	1	0	1630			
	1	0	6360			
	2	0	6380			
	0	1	1T2			
	0	1	ADCS	8341		
	0	1	ADC	8341		
	0	5	AD1	8341		

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
	0	7	AD2	8341	
	0	6	AD3	8841	
	0	8	ADAN	8841	
	0	1	AEC	8341	
	0	3	AE1	8341	
	0	6	AE2	8341	
	0	5	AE3	8841	
	0	8	AEAN	8841	
	0	1	AMCS	8341	
	0	2	AMC	8341	
	0	1	AM1	7232	
	0	8	AM1	8341	
	0	13	AM2	8341	
	0	1	AM3	7232	
	0	12	AM3	8841	
	0	20	AMAN	8841	
	0	1	AMEC	8341	
	0	2	AME1	8341	
	0	3	AME2	8341	
	0	4	AME3	8841	
	0	5	AMEAN	8841	
	0	1	AOC	83XX	
	0	4	AO1	83XX	
	0	8	AO2	83XX	
	0	9	AO3	88XX	
	0	12	AOAN	88XX	
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	3	APOCS	8800	
	0	1	APOC		
	0	4	APOC	8341	
	0	4	APO1		
	0	1	APO1		9590
	0	1	APO1		9595
	0	13	APO2		
	0	6	APO3		
	0	2	ATCS	83XX	
	0	2	ATC	83XX	
	0	7	AT1	83XX	
	0	12	AT2	83XX	
	0	12	AT3	88XX	
	0	18	ATAN	88XX	
	0	1	AZC		
	0	1	AZ1	6302	
	0	3	AZ2		
	0	1	AZ2	6315	
	0	4	AZ3		
	0	4	AZAN		
	0	1	CTT2		

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
	0	1	DM2		
	0	2	IS1		
	0	1	IS2		
	0	1	IS3		
	0	1	IT2	2780	
	0	1	IT3	2735	
	0	1	NCC		
	0	1	NC1		
	0	1	PR1		
	0	1	PR2		
	0	1	PR3		
	0	2	PRAN		
	0	1	SK1		
	0	2	SK2		
	0	2	SK3		
	0	3	SKAN		
	0	1	YNC		
	0	1	YN1		
	0	2	YN2		
	0	4	YN3		
	0	9	YNSN		
	0	48	AN		
<b>ACTIVITY TOTAL:</b>	<b>66</b>	<b>349</b>			
FLEET SUPPORT ACTIVITIES - USN					
<b>E/A-18G SEAOPDET</b>					
ACDU	0	1	AD2	6425	
	0	1	AE2	7184	
	0	1	AE3	7140	
	0	1	AM2	7225	
	0	1	AM2	7232	
	0	1	AM3		
	0	1	AM3	7227	
	0	1	AMAN		
	0	1	AO3	6802	
	0	1	APO2		9526
	0	1	AT2	6609	6607
	0	1	AT2	6612	6605
	0	1	AT2	6688	
	0	1	AT2	6723	
	0	1	AT3	6618	
	0	1	AT3	6680	
	0	2	AT3	6704	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
	0	1	AT3	6723	
	0	1	ATAN	6686	
	0	1	PR2	7356	
<b>ACTIVITY TOTAL:</b>	0	21			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY08		FY09		FY10		FY11		FY12	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USN OPERATIONAL ACTIVITIES - ACDU													
1301		0		1		1		3		4		2	
1302		0		1		1		3		4		2	
1311		0		10		8		24		32		16	
1312		0		19		0		0		0		0	
1321		0		15		8		24		32		16	
1322		0		14		0		0		0		0	
1520		0		2		1		3		4		2	
1630		0		1		0		0		0		0	
6360		0		1		0		0		0		0	
6380		0		2		0		0		0		0	
6510		0		0		1		3		4		2	
CWO3		0		0		1		3		4		2	
1T2			0		1		0		0		0		0
ADCS	8341		0		1		0		0		0		0
ADC	8341		0		1		0		0		0		0
AD1	8341		0		5		3		9		12		6
AD2	8341		0		7		4		12		16		8
AD3	8841		0		6		2		6		8		4
ADAN	8841		0		8		2		6		8		4
AEC	8341		0		1		0		0		0		0
AE1	8341		0		3		2		6		8		4
AE2	8341		0		6		3		9		12		6
AE3	8841		0		5		2		6		8		4
AEAN	8841		0		8		2		6		8		4
AMCS	8341		0		1		0		0		0		0
AMC	8341		0		2		1		3		4		2
AM1	7232		0		1		0		0		0		0
AM1	8341		0		8		3		9		12		6
AM2	8341		0		13		4		12		16		8
AM3	7232		0		1		0		0		0		0
AM3	8841		0		12		6		18		24		12
AMAN	8841		0		20		6		18		24		12
AMEC	8341		0		1		0		0		0		0
AME1	8341		0		2		2		6		8		4
AME2	8341		0		3		3		9		12		6
AME3	8841		0		4		1		3		4		2
AMEAN	8841		0		5		1		3		4		2
AOC	83XX		0		1		1		3		4		2
AO1	83XX		0		4		1		3		4		2
AO2	83XX		0		8		1		3		4		2
AO3	88XX		0		9		1		3		4		2
AOAN			0		0		1		3		4		2
AOAN	88XX		0		12		2		6		8		4
APOCM	9580		0		1		1		3		4		2
APOCM	8300		0		1		1		3		4		2

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY08		FY09		FY10		FY11		FY12	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
APOCS	8341		0		0		2		6		8		4
APOCS	8800		0		3		0		0		0		0
APOC			0		1		0		0		0		0
APOC	8341		0		4		7		21		28		14
APOC	83XX		0		0		1		3		4		2
APO1			0		4		1		3		4		2
APO1	9590		0		1		1		3		4		2
APO1	9595		0		1		1		3		4		2
APO1	8341		0		0		1		3		4		2
APO2			0		13		2		6		8		4
APO3			0		6		0		0		0		0
APO3	8841		0		0		2		6		8		4
ATCS	83XX		0		2		0		0		0		0
ATC	83XX		0		2		1		3		4		2
AT1	83XX		0		7		2		6		8		4
AT2	83XX		0		12		4		12		16		8
AT3	88XX		0		12		4		12		16		8
ATAN	88XX		0		18		4		12		16		8
AZC			0		1		0		0		0		0
AZ1			0		0		1		3		4		2
AZ1	6302		0		1		0		0		0		0
AZ2			0		3		3		9		12		6
AZ2	6315		0		1		0		0		0		0
AZ3			0		4		1		3		4		2
AZAN			0		4		2		6		8		4
CTT2			0		1		2		6		8		4
DK2	2905		0		0		1		3		4		2
DM2			0		1		0		0		0		0
HM2	8406		0		0		1		3		4		2
IS1			0		2		0		0		0		0
IS2			0		1		0		0		0		0
IS3			0		1		1		3		4		2
IT1	2780		0		0		1		3		4		2
IT2	2735		0		0		1		3		4		2
IT2	2780		0		1		0		0		0		0
IT3	2735		0		1		0		0		0		0
MS2			0		0		2		6		8		4
MS3			0		0		2		6		8		4
MSSN			0		0		2		6		8		4
NCC			0		1		0		0		0		0
NC1			0		1		1		3		4		2
PN1			0		0		1		3		4		2
PN2			0		0		1		3		4		2
PO2			0		0		7		21		28		14
PR1			0		1		1		3		4		2
PR2			0		1		1		3		4		2
PR3			0		1		1		3		4		2
PRAN			0		2		1		3		4		2

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY08		FY09		FY10		FY11		FY12	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SK1			0		1		1		3		4		2
SK2			0		2		1		3		4		2
SK3			0		2		0		0		0		0
SKAN			0		3		2		6		8		4
YNC			0		1		1		3		4		2
YN1			0		1		0		0		0		0
YN2			0		2		1		3		4		2
YN3			0		4		0		0		0		0
YNSN			0		9		1		3		4		2
AN			0		48		37		111		148		74
USN FLEET SUPPORT ACTIVITIES - ACDU													
AD2	6425		0		0		0		3		3		3
AE2	7184		0		0		0		3		3		3
AE3	7140		0		0		0		3		3		3
AM2	7225		0		0		0		3		3		3
AM2	7232		0		0		0		3		3		3
AM3			0		0		0		3		3		3
AM3	7227		0		0		0		3		3		3
AMAN			0		0		0		3		3		3
AO3	6802		0		0		0		3		3		3
APO2		9526	0		0		0		3		3		3
AT2	6609	6607	0		0		0		3		3		3
AT2	6612	6605	0		0		0		3		3		3
AT2	6688		0		0		0		3		3		3
AT2	6723		0		0		0		3		3		3
AT3	6618		0		0		0		3		3		3
AT3	6680		0		0		0		3		3		3
AT3	6704		0		0		0		6		6		6
AT3	6723		0		0		0		3		3		3
ATAN	6686		0		0		0		3		3		3
PR2	7356		0		0		0		3		3		3

**SUMMARY TOTALS:**

USN OPERATIONAL ACTIVITIES - ACDU														
			0	0	66	349	21	167	63	501	84	668	42	334
USN FLEET SUPPORT ACTIVITIES - ACDU														
			0		0		0		63		63		63	

**GRAND TOTALS:**

USN - ACDU														
			0	0	66	349	21	167	63	564	84	731	42	397

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY08		FY09		FY10		FY11		FY12	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT, MCAS Cherry Point, 52842	USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.3
NATTC, NAS Pensacola, 01234	USN	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.8	0.0	1.3	0.0	1.3
MTU 1038 NAMTRAU Lemoore, 66060	USN	0.0	0.0	0.0	0.2	0.0	0.7	0.0	3.9	0.0	5.3	0.0	5.4
MTU 1067 NAMTRAU North Island, 66065	USN	0.0	0.0	0.0	0.0	0.0	0.6	0.0	3.1	0.0	3.6	0.0	4.0
MTU 1083 NAMTRAU Whidbey Island, 66058	USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1
MTU 3011, NAMTRAGRU DET Miramar, 66064	USN	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.2	0.0	1.5	0.0	1.7
MTU XXXX NAMTRAU Whidbey Island, 45678	USN	0.0	0.0	0.0	0.0	0.0	20.1	0.0	40.7	0.0	56.7	0.0	49.5
VFAQ (FRS), NAS Whidbey Island, 98765	USN	0.0	0.0	0.0	0.0	13.4	0.0	24.6	0.0	33.9	0.0	28.6	0.0
<b>SUMMARY TOTALS:</b>													
	USN	0.0	0.0	0.0	0.2	13.4	21.9	24.6	50.0	33.9	68.7	28.6	62.3
<b>GRAND TOTALS:</b>													
		0.0	0.0	0.0	0.2	13.4	21.9	24.6	50.0	33.9	68.7	28.6	62.3

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	FY08 +/- CUM	FY09 +/- CUM	FY10 +/- CUM	FY11 +/- CUM	FY12 +/- CUM
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a. OFFICER - USN

Operational Billets ACDU and TAR

1301			0	1	1	1	2	3	5	4	9	2	11
1302			0	1	1	1	2	3	5	4	9	2	11
1311			0	10	10	8	18	24	42	32	74	16	90
1312			0	19	19	0	19	0	19	0	19	0	19
1321			0	15	15	8	23	24	47	32	79	16	95
1322			0	14	14	0	14	0	14	0	14	0	14
1520			0	2	2	1	3	3	6	4	10	2	12
1630			0	1	1	0	1	0	1	0	1	0	1
6360			0	1	1	0	1	0	1	0	1	0	1
6380			0	2	2	0	2	0	2	0	2	0	2
6510			0	0	0	1	1	3	4	4	8	2	10
CWO3			0	0	0	1	1	3	4	4	8	2	10

Chargeable Student Billets ACDU and TAR

0	0	0	14	14	11	25	9	34	-5	29
---	---	---	----	----	----	----	---	----	----	----

TOTAL USN OFFICER BILLETS:

Operational	0	66	66	21	87	63	150	84	234	42	276
Chargeable Student	0	0	0	14	14	11	25	9	34	-5	29

b. ENLISTED - USN

Operational Billets ACDU and TAR

1T2			0	1	1	0	1	0	1	0	1	0	1
ADCS	8341		0	1	1	0	1	0	1	0	1	0	1
ADC	8341		0	1	1	0	1	0	1	0	1	0	1
AD1	8341		0	5	5	3	8	9	17	12	29	6	35
AD2	8341		0	7	7	4	11	12	23	16	39	8	47
AD3	8841		0	6	6	2	8	6	14	8	22	4	26
ADAN	8841		0	8	8	2	10	6	16	8	24	4	28
AEC	8341		0	1	1	0	1	0	1	0	1	0	1
AE1	8341		0	3	3	2	5	6	11	8	19	4	23
AE2	8341		0	6	6	3	9	9	18	12	30	6	36
AE3	8841		0	5	5	2	7	6	13	8	21	4	25
AEAN	8841		0	8	8	2	10	6	16	8	24	4	28
AMCS	8341		0	1	1	0	1	0	1	0	1	0	1
AMC	8341		0	2	2	1	3	3	6	4	10	2	12
AM1	7232		0	1	1	0	1	0	1	0	1	0	1
AM1	8341		0	8	8	3	11	9	20	12	32	6	38

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY08		FY09		FY10		FY11		FY12	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
AM2	8341		0	13	13	4	17	12	29	16	45	8	53
AM3	7232		0	1	1	0	1	0	1	0	1	0	1
AM3	8841		0	12	12	6	18	18	36	24	60	12	72
AMAN	8841		0	20	20	6	26	18	44	24	68	12	80
AMEC	8341		0	1	1	0	1	0	1	0	1	0	1
AME1	8341		0	2	2	2	4	6	10	8	18	4	22
AME2	8341		0	3	3	3	6	9	15	12	27	6	33
AME3	8841		0	4	4	1	5	3	8	4	12	2	14
AMEAN	8841		0	5	5	1	6	3	9	4	13	2	15
AOC	83XX		0	1	1	1	2	3	5	4	9	2	11
AO1	83XX		0	4	4	1	5	3	8	4	12	2	14
AO2	83XX		0	8	8	1	9	3	12	4	16	2	18
AO3	88XX		0	9	9	1	10	3	13	4	17	2	19
AOAN			0	0	0	1	1	3	4	4	8	2	10
AOAN	88XX		0	12	12	2	14	6	20	8	28	4	32
APOCM		9580	0	1	1	1	2	3	5	4	9	2	11
APOCM	8300		0	1	1	1	2	3	5	4	9	2	11
APOCS	8341		0	0	0	2	2	6	8	8	16	4	20
APOCS	8800		0	3	3	0	3	0	3	0	3	0	3
APOC			0	1	1	0	1	0	1	0	1	0	1
APOC	8341		0	4	4	7	11	21	32	28	60	14	74
APOC	83XX		0	0	0	1	1	3	4	4	8	2	10
APO1			0	4	4	1	5	3	8	4	12	2	14
APO1		9590	0	1	1	1	2	3	5	4	9	2	11
APO1		9595	0	1	1	1	2	3	5	4	9	2	11
APO1	8341		0	0	0	1	1	3	4	4	9	2	10
APO2			0	13	13	2	15	6	21	8	29	4	33
APO3			0	6	6	0	6	0	6	0	6	0	6
APO3	8841		0	0	0	2	2	6	8	8	16	4	20
ATCS	83XX		0	2	2	0	2	0	2	0	2	0	2
ATC	83XX		0	2	2	1	3	3	6	4	10	2	12
AT1	83XX		0	7	7	2	9	6	15	8	23	4	27
AT2	83XX		0	12	12	4	16	12	28	16	44	8	52
AT3	88XX		0	12	12	4	16	12	28	16	44	8	52
ATAN	88XX		0	18	18	4	22	12	34	16	50	8	58
AZC			0	1	1	0	1	0	1	0	1	0	1
AZ1			0	0	0	1	1	3	4	4	8	2	10
AZ1	6302		0	1	1	0	1	0	1	0	1	0	1
AZ2			0	3	3	3	6	9	15	12	27	6	33
AZ2	6315		0	1	1	0	1	0	1	0	1	0	1
AZ3			0	4	4	1	5	3	8	4	12	2	14
AZAN			0	4	4	2	6	6	12	8	20	4	24
CTT2			0	1	1	2	3	6	9	8	17	4	21
DK2	2905		0	0	0	1	1	3	4	4	8	2	10
DM2			0	1	1	0	1	0	1	0	1	0	1
HM2	8406		0	0	0	1	1	3	4	4	8	2	10
IS1			0	2	2	0	2	0	2	0	2	0	2
IS2			0	1	1	0	1	0	1	0	1	0	1
IS3			0	1	1	1	2	3	5	4	9	2	11

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY08		FY09		FY10		FY11		FY12	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
IT1	2780		0	0	0	1	1	3	4	4	8	2	10
IT2	2735		0	0	0	1	1	3	4	4	8	2	10
IT2	2780		0	1	1	0	1	0	1	0	1	0	1
IT3	2735		0	1	1	0	1	0	1	0	1	0	1
MS2			0	0	0	2	2	6	8	8	16	4	20
MS3			0	0	0	2	2	6	8	8	16	4	20
MSSN			0	0	0	2	2	6	8	8	16	4	20
NCC			0	1	1	0	1	0	1	0	1	0	1
NC1			0	1	1	1	2	3	5	4	9	2	11
PN1			0	0	0	1	1	3	4	4	8	2	10
PN2			0	0	0	1	1	3	4	4	8	2	10
PO2			0	0	0	7	7	21	28	28	56	14	70
PR1			0	1	1	1	2	3	5	4	9	2	11
PR2			0	1	1	1	2	3	5	4	9	2	11
PR3			0	1	1	1	2	3	5	4	9	2	11
PRAN			0	2	2	1	3	3	6	4	10	2	12
SK1			0	1	1	1	2	3	5	4	9	2	11
SK2			0	2	2	1	3	3	6	4	10	2	12
SK3			0	2	2	0	2	0	2	0	2	0	2
SKAN			0	3	3	2	5	6	11	8	19	4	23
YNC			0	1	1	1	2	3	5	4	9	2	11
YN1			0	1	1	0	1	0	1	0	1	0	1
YN2			0	2	2	1	3	3	6	4	10	2	12
YN3			0	4	4	0	4	0	4	0	4	0	4
YNSN			0	9	9	1	10	3	13	4	17	2	19
AN			0	48	48	37	85	111	196	148	344	74	418

Fleet Support Billets ACDU and TAR

AD2	6425		0	0	0	0	0	3	3	3	6	3	9
AE2	7184		0	0	0	0	0	3	3	3	6	3	9
AE3	7140		0	0	0	0	0	3	3	3	6	3	9
AM2	7225		0	0	0	0	0	3	3	3	6	3	9
AM2	7232		0	0	0	0	0	3	3	3	6	3	9
AM3			0	0	0	0	0	3	3	3	6	3	9
AM3	7227		0	0	0	0	0	3	3	3	6	3	9
AMAN			0	0	0	0	0	3	3	3	6	3	9
AO3	6802		0	0	0	0	0	3	3	3	6	3	9
APO2		9526	0	0	0	0	0	3	3	3	6	3	9
AT2	6609	6607	0	0	0	0	0	3	3	3	6	3	9
AT2	6612	6605	0	0	0	0	0	3	3	3	6	3	9
AT2	6688		0	0	0	0	0	3	3	3	6	3	9
AT2	6723		0	0	0	0	0	3	3	3	6	3	9
AT3	6618		0	0	0	0	0	3	3	3	6	3	9
AT3	6680		0	0	0	0	0	3	3	3	6	3	9
AT3	6704		0	0	0	0	0	6	6	6	12	6	18
AT3	6723		0	0	0	0	0	3	3	3	6	3	9
ATAN	6686		0	0	0	0	0	3	3	3	6	3	9
PR2	7356		0	0	0	0	0	3	3	3	6	3	9

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY08 +/-	CUM	FY09 +/-	CUM	FY10 +/-	CUM	FY11 +/-	CUM	FY12 +/-	CUM
Chargeable Student Billets ACDU and TAR													
			0	1	1	21	22	28	50	19	69	-6	63
<b>TOTAL USN ENLISTED BILLETS:</b>													
Operational			0	349	349	167	516	501	1017	668	1685	334	2019
Fleet Support			0	0	0	0	0	63	63	63	126	63	189
Chargeable Student				1	1	21	22	28	50	19	69	-6	63

c. OFFICER - USMC Not Applicable

d. ENLISTED - USMC Not Applicable

**II.B. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** C-600-3867, F/A-18E/F Organizational Maintenance Supervisors Familiarization  
**COURSE LENGTH:** 2.0 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		47		107		158		141
		TOTAL:		0		47		107		158		141

**CIN, COURSE TITLE:** E-601-0617, F/A-18E/F Power Plants and Related Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 5.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		11		21		28		25
		TOTAL:		0		11		21		28		25

**CIN, COURSE TITLE:** E-601-0619, F/A-18E/F Power Plants and Related Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 5.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		10		23		33		29
		TOTAL:		0		10		23		33		29

**CIN, COURSE TITLE:** E-602-0601, F/A-18E/F Non-Designated Airman/Plane Captain  
**COURSE LENGTH:** 2.8 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		51		126		187		164
		TOTAL:		0		51		126		187		164

**CIN, COURSE TITLE:** E-602-0654, F/A-18E/F Electrical/Instrument Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 7.2 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.14

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		11		21		28		24
		TOTAL:		0		11		21		28		24

**II.B. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** E-602-0656, F/A-18E/F Electrical/Instrument Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 6.0 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		8		18		25		22
		TOTAL:		0		8		18		25		22

**CIN, COURSE TITLE:** E-602-0664, F/A-18E/F Safety Equipment (Initial) Organizational Maintenance  
**COURSE LENGTH:** 5.0 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		6		11		15		13
		TOTAL:		0		6		11		15		13

**CIN, COURSE TITLE:** E-602-0666, F/A-18E/F Safety Equipment (Career) Organizational Maintenance  
**COURSE LENGTH:** 2.8 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		5		13		19		16
		TOTAL:		0		5		13		19		16

**CIN, COURSE TITLE:** E-602-0686, F/A-18E/F Hydraulic and Structure Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 4.8 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		28		58		81		72
		TOTAL:		0		28		58		81		72

**CIN, COURSE TITLE:** E-602-0688, F/A-18E/F Hydraulic and Structure Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 5.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island												
	USN	ACDU		0		13		28		39		34
		TOTAL:		0		13		28		39		34

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** A-100-0073, Microminiature Electronics Repair

**COURSE LENGTH:** 1.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1083 NAMTRAU Whidbey Island												
	USN	ACDU		0		0		2		3		3
		TOTAL:		0		0		2		3		3

**CIN, COURSE TITLE:** E-102-6039, Electronics Identification Equipment Intermediate Maintenance

**COURSE LENGTH:** 9.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		0		2		3		3
		TOTAL:		0		0		2		3		3

**CIN, COURSE TITLE:** E-102-6059, Digital Data Link Communications Equipment Intermediate Maintenance Technician

**COURSE LENGTH:** 5.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		0		2		3		3
		TOTAL:		0		0		2		3		3

**CIN, COURSE TITLE:** E-102-6072, AN/USM-458 New Electronic Warfare Test Set (NEWTS) Operation and Intermediate Maintenance

**COURSE LENGTH:** 12.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		1		4		5		5
		TOTAL:		0		1		4		5		5

**CIN, COURSE TITLE:** E-102-6109, Radar Altimeter Equipment Intermediate Maintenance

**COURSE LENGTH:** 4.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1067 NAMTRAU North Island												
	USN	ACDU		0		0		2		3		3
		TOTAL:		0		0		2		3		3

**II.B. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** E-102-6113, TACAN Radio Navigation Equipment Intermediate Maintenance  
**COURSE LENGTH:** 5.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		0		2		3		3
		TOTAL:		0		0		2		3		3

**CIN, COURSE TITLE:** E-102-6114, DTS Operator/Maintainer Computer Group Intermediate Maintenance  
**COURSE LENGTH:** 16.6 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.33

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		1		4		5		5
		TOTAL:		0		1		4		5		5

**CIN, COURSE TITLE:** E-198-6005, AN/USM-429 Computerized Automatic Test Station (CAT IIID) Operator/Maintenance  
**COURSE LENGTH:** 9.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1067 NAMTRAU North Island												
	USN	ACDU		0		1		6		7		8
		TOTAL:		0		1		6		7		8

**CIN, COURSE TITLE:** E-198-6045, AN/USM-484 Hybrid Test Station (HTS) Operation/Maintenance  
**COURSE LENGTH:** 9.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		0		2		3		3
		TOTAL:		0		0		2		3		3

**CIN, COURSE TITLE:** E-198-6102, Consolidated Automated Support System (CASS) Common Configurations  
 Operation/Maintainer

**COURSE LENGTH:** 9.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3011, NAMTRAGRU DET Miramar												
	USN	ACDU		0		1		7		9		10
		TOTAL:		0		1		7		9		10

**II.B. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** E-198-6104, CASS High Power Configuration Operator/Maintainer  
**COURSE LENGTH:** 11.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.23

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1067 NAMTRAU North Island												
	USN	ACDU		0		1		6		7		8
		TOTAL:		0		1		6		7		8

**CIN, COURSE TITLE:** E-601-3012, F-18E/F F414-GE-400 Engine Third Degree Intermediate Maintenance  
**COURSE LENGTH:** 2.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		0		2		3		3
		TOTAL:		0		0		2		3		3

**CIN, COURSE TITLE:** C-602-2040, Aircrew Survival Equipment Intermediate Maintenance Pipeline  
**COURSE LENGTH:** 9.0 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.18

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NATTC, NAS Pensacola												
	USN	ACDU		0		0		2		3		3
		TOTAL:		0		0		2		3		3

**CIN, COURSE TITLE:** E-602-4011, F/A-18 A/F-27T-10 and Servocylinder Test Station Operator/Maintainer  
**COURSE LENGTH:** 8.0 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		1		3		5		5
		TOTAL:		0		1		3		5		5

**CIN, COURSE TITLE:** E-602-5007, F/A-18 Electrical Components Intermediate Maintenance  
**COURSE LENGTH:** 2.0 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		0		2		3		3		2
		TOTAL:		0		2		3		3		2

**II.B. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-602-5020, A/F37T-21 Aircraft Engine Components Test Stand Operator/Maintainer

**COURSE LENGTH:** 3.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT, MCAS Cherry Point												
	USN	ACDU		0		0		4		4		5
		TOTAL:		0		0		4		4		5

**CIN, COURSE TITLE:** C-603-3191, Naval Aircraft Non-destructive Inspection Technician Class C1

**COURSE LENGTH:** 14.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.30

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NATTC, NAS Pensacola												
	USN	ACDU		0		1		2		3		3
		TOTAL:		0		1		2		3		3

**CIN, COURSE TITLE:** E-603-4007, Airframes Intermediate Maintenance

**COURSE LENGTH:** 4.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038 NAMTRAU Lemoore												
	USN	ACDU		2		1		3		3		4
		TOTAL:		2		1		3		3		4

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

**COURSE LENGTH:** 9.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1067 NAMTRAU North Island												
	USN	ACDU		0		1		4		5		5
		TOTAL:		0		1		4		5		5

**CIN, COURSE TITLE:** E-2A-XXX1, EA-18G Fleet Replacement Pilot Category 1 Pipeline

**COURSE LENGTH:** 18.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 0%

**BACKOUT FACTOR:** 0.36

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VFAQ (FRS), NAS Whidbey Island												
	USN	ACDU		0		7		14		18		15
		TOTAL:		0		7		14		18		15

**II.B. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** E-2A-XXX2, EA-18G Fleet Replacement Pilot Category 2 Pipeline  
**COURSE LENGTH:** 14.8 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.30

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VFAQ (FRS), NAS Whidbey Island												
	USN	ACDU	0		7		14		18		15	
		TOTAL:	0		7		14		18		15	

**CIN, COURSE TITLE:** E-2A-XXX3, EA-18G Fleet Replacement Pilot Category 3 Pipeline  
**COURSE LENGTH:** 7.2 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.14

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VFAQ (FRS), NAS Whidbey Island												
	USN	ACDU	0		0		0		12		10	
		TOTAL:	0		0		0		12		10	

**CIN, COURSE TITLE:** E-2A-XXX4, EA-18G Fleet Replacement Pilot Category 4 Pipeline  
**COURSE LENGTH:** 2.8 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VFAQ (FRS), NAS Whidbey Island												
	USN	ACDU	0		0		0		9		9	
		TOTAL:	0		0		0		9		9	

**CIN, COURSE TITLE:** E-2D-XXX1, EA-18G Fleet Replacement ECMO Category 1 Pipeline  
**COURSE LENGTH:** 27.0 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.54

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VFAQ (FRS), NAS Whidbey Island												
	USN	ACDU	0		9		16		18		15	
		TOTAL:	0		9		16		18		15	

**CIN, COURSE TITLE:** E-2D-XXX2, EA-18G Fleet Replacement ECMO Category 2 Pipeline  
**COURSE LENGTH:** 25.0 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.50

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VFAQ (FRS), NAS Whidbey Island												
	USN	ACDU	0		9		16		18		15	
		TOTAL:	0		9		16		18		15	

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** E-2D-XXX3, EA-18G Fleet Replacement ECMO Category 3 Pipeline  
**COURSE LENGTH:** 9.2 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.18

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VFAQ (FRS), NAS Whidbey Island	USN	ACDU	0		0		0		12		10	
		TOTAL:	0		0		0		12		10	

**CIN, COURSE TITLE:** E-2D-XXX4, EA-18G Fleet Replacement ECMO Category 4 Pipeline  
**COURSE LENGTH:** 7.2 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.14

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VFAQ (FRS), NAS Whidbey Island	USN	ACDU	0		0		0		7		7	
		TOTAL:	0		0		0		7		7	

**CIN, COURSE TITLE:** E-102-XXX1, EA-18G Avionics Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 11.8 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.24

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island	USN	ACDU			0	25	44		57		49	
		TOTAL:			0	25	44		57		49	

**CIN, COURSE TITLE:** E-102-XXX2, EA-18G Avionics Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 5.8 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island	USN	ACDU			0	12	25		35		31	
		TOTAL:			0	12	25		35		31	

**CIN, COURSE TITLE:** E-646-XXX1, EA-18G Armament Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 4.4 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX NAMTRAU Whidbey Island	USN	ACDU			0	12	19		25		23	
		TOTAL:			0	12	19		25		23	

**II.B. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** E-646-XXX2, EA-18G Armament Systems (Career) Organizational Maintenance

**COURSE LENGTH:** 1.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY08		FY09		FY10		FY11		FY12	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU XXXX	NAMTRAU	Whidbey Island										
	USN	ACDU		0	6		14		20		18	
		TOTAL:		0	6		14		20		18	

### **PART III - TRAINING REQUIREMENTS**

The following elements are not affected by the EA-18G and, therefore, are not included in Part III of this NTSP:

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

**PART III - TRAINING REQUIREMENTS**

**III.A.1. INITIAL TRAINING REQUIREMENTS**

**COURSE TITLE:** Developmental Test and Evaluation  
**COURSE DEVELOPER:** McDonnell Douglas Corporation (MDC)  
**COURSE INSTRUCTOR:** MDC  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** DT&E

<b>LOCATION, UIC</b>	<b>BEGIN DATE</b>	<b>STUDENTS</b>			
MDC Facility, 00000	Sep 06	<b>OFF</b>	<b>ENL</b>	<b>CIV</b>	
				5	Input AOB Chargeable

**COURSE TITLE:** Operational Test and Evaluation (OT&E)  
**COURSE DEVELOPER:** MDC  
**COURSE INSTRUCTOR:** MDC  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** OT&E

<b>LOCATION, UIC</b>	<b>BEGIN DATE</b>	<b>STUDENTS</b>			
TBD, 00000	Oct 06	<b>OFF</b>	<b>ENL</b>	<b>CIV</b>	
		5 0.1	10 0.1	5	Input AOB Chargeable

**COURSE TITLE:** Cadre Training - AO  
**COURSE DEVELOPER:** MDC  
**COURSE INSTRUCTOR:** MDC  
**COURSE LENGTH:** 10 Days  
**ACTIVITY DESTINATIONS:** MTU XXXX NAMTRAU Initial Cadre

<b>LOCATION, UIC</b>	<b>BEGIN DATE</b>	<b>STUDENTS</b>			
MTU XXXX NAMTRAU, 00001	Oct 07	<b>OFF</b>	<b>ENL</b>	<b>CIV</b>	
				6 0.2	Input AOB Chargeable

**COURSE TITLE:** Cadre Training - NFO  
**COURSE DEVELOPER:** MDC  
**COURSE INSTRUCTOR:** MDC  
**COURSE LENGTH:** 10 Days  
**ACTIVITY DESTINATIONS:** VFAQ Initial Cadre

<b>LOCATION, UIC</b>	<b>BEGIN DATE</b>	<b>STUDENTS</b>			
VFAQ (FRS), 00000	Oct 07	<b>OFF</b>	<b>ENL</b>	<b>CIV</b>	
		6 0.2			Input AOB Chargeable

III.A.1. INITIAL TRAINING REQUIREMENTS

**COURSE TITLE:** Cadre Training - Pilot  
**COURSE DEVELOPER:** MDC  
**COURSE INSTRUCTOR:** MDC  
**COURSE LENGTH:** 10 Days  
**ACTIVITY DESTINATIONS:** VFAQ Initial Cadre

**LOCATION, UIC**  
 VFAQ (FRS), 00000

BEGIN DATE	STUDENTS		CIV
	OFF	ENL	
Oct 07	6		Input
	0.2		AOB Chargeable

**COURSE TITLE:** Cadre Training - AT-  
**COURSE DEVELOPER:** MDC  
**COURSE INSTRUCTOR:** MDC  
**COURSE LENGTH:** 10 Days  
**ACTIVITY DESTINATIONS:** MTU XXXX NAMTRAU Initial Cadre

**LOCATION, UIC**  
 MTU XXXX NAMTRAU, 00001

BEGIN DATE	STUDENTS		CIV
	OFF	ENL	
Oct 08		6	Input
		0.2	AOB Chargeable

**III.A.2. FOLLOW-ON TRAINING**

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** C-600-3867, F/A-18E/F Organizational Maintenance Supervisors Familiarization  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		47		107		158		141		ATIR
0		42		96		142		127		Output
0.0		1.5		3.3		4.9		4.4		AOB
0.0		1.5		3.3		4.9		4.4		Chargeable

**CIN, COURSE TITLE:** E-601-0617, F/A-18E/F Power Plants and Related Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		11		21		28		25		ATIR
0		10		19		25		23		Output
0.0		1.1		2.0		2.7		2.4		AOB
0.0		1.1		2.0		2.7		2.4		Chargeable

**CIN, COURSE TITLE:** E-601-0619, F/A-18E/F Power Plants and Related Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		10		23		33		29		ATIR
0		9		21		30		26		Output
0.0		1.0		2.2		3.2		2.8		AOB
0.0		1.0		2.2		3.2		2.8		Chargeable

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** E-602-0601, F/A-18E/F Non-Designated Airman/Plane Captain  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		51		126		187		164		ATIR
0		46		113		168		148		Output
0.0		2.4		5.9		8.8		7.7		AOB
0.0		2.4		5.9		8.8		7.7		Chargeable

**CIN, COURSE TITLE:** E-602-0654, F/A-18E/F Electrical/Instrument Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		11		21		28		24		ATIR
0		10		19		25		22		Output
0.0		1.4		2.7		3.6		3.1		AOB
0.0		1.4		2.7		3.6		3.1		Chargeable

**CIN, COURSE TITLE:** E-602-0656, F/A-18E/F Electrical/Instrument Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		8		18		25		22		ATIR
0		7		16		23		20		Output
0.0		0.8		1.9		2.6		2.3		AOB
0.0		0.8		1.9		2.6		2.3		Chargeable

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** E-602-0664, F/A-18E/F Safety Equipment (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		6		11		15		13		ATIR
0		5		10		14		12		Output
0.0		0.5		0.9		1.3		1.1		AOB
0.0		0.5		0.9		1.3		1.1		Chargeable

**CIN, COURSE TITLE:** E-602-0666, F/A-18E/F Safety Equipment (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		5		13		19		16		ATIR
0		5		12		17		14		Output
0.0		0.2		0.6		0.9		0.7		AOB
0.0		0.2		0.6		0.9		0.7		Chargeable

**CIN, COURSE TITLE:** E-602-0686, F/A-18E/F Hydraulic and Structure Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		28		58		81		72		ATIR
0		25		52		73		65		Output
0.0		2.3		4.8		6.7		6.0		AOB
0.0		2.3		4.8		6.7		6.0		Chargeable

III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-602-0688, F/A-18E/F Hydraulic and Structure Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		13		28		39		34		ATIR
0		12		25		35		31		Output
0.0		1.3		2.7		3.8		3.3		AOB
0.0		1.3		2.7		3.8		3.3		Chargeable

**CIN, COURSE TITLE:** A-100-0073, Microminiature Electronics Repair  
**TRAINING ACTIVITY:** MTU 1083 NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 66058

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.1		0.1		0.1		AOB
0.0		0.0		0.1		0.1		0.1		Chargeable

**CIN, COURSE TITLE:** E-102-6039, Electronics Identification Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.3		0.5		0.5		AOB
0.0		0.0		0.3		0.5		0.5		Chargeable

III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-102-6059, Digital Data Link Communications Equipment Intermediate Maintenance Technician  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.2		0.3		0.3		AOB
0.0		0.0		0.2		0.3		0.3		Chargeable

**CIN, COURSE TITLE:** E-102-6072, AN/USM-458 New Electronic Warfare Test Set (NEWTS) Operation and Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		1		4		5		5		ATIR
0		1		4		5		5		Output
0.0		0.2		0.9		1.1		1.1		AOB
0.0		0.2		0.9		1.1		1.1		Chargeable

**CIN, COURSE TITLE:** E-102-6109, Radar Altimeter Equipment Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1067 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.2		0.2		0.2		AOB
0.0		0.0		0.2		0.2		0.2		Chargeable

III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-102-6113, TACAN Radio Navigation Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.2		0.3		0.3		AOB
0.0		0.0		0.2		0.3		0.3		Chargeable

**CIN, COURSE TITLE:** E-102-6114, DTS Operator/Maintainer Computer Group Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		1		4		5		5		ATIR
0		1		4		5		5		Output
0.0		0.3		1.2		1.5		1.5		AOB
0.0		0.3		1.2		1.5		1.5		Chargeable

**CIN, COURSE TITLE:** E-198-6005, AN/USM-429 Computerized Automatic Test Station (CAT IIID) Operator/Maintenance  
**TRAINING ACTIVITY:** MTU 1067 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		1		6		7		8		ATIR
0		1		5		6		7		Output
0.0		0.2		1.0		1.2		1.4		AOB
0.0		0.2		1.0		1.2		1.4		Chargeable

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** E-198-6045, AN/USM-484 Hybrid Test Station (HTS) Operation/Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.3		0.5		0.5		AOB
0.0		0.0		0.3		0.5		0.5		Chargeable

**CIN, COURSE TITLE:** E-198-6102, Consolidated Automated Support System (CASS) Common Configurations Operation/Maintainer

**TRAINING ACTIVITY:** MTU 3011  
**LOCATION, UIC:** NAMTRAGRU DET Miramar, 66064

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		1		7		9		10		ATIR
0		1		6		8		9		Output
0.0		0.2		1.2		1.5		1.7		AOB
0.0		0.2		1.2		1.5		1.7		Chargeable

**CIN, COURSE TITLE:** E-198-6104, CASS High Power Configuration Operator/Maintainer

**TRAINING ACTIVITY:** MTU 1067 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		1		6		7		8		ATIR
0		1		5		6		7		Output
0.0		0.2		1.2		1.4		1.6		AOB
0.0		0.2		1.2		1.4		1.6		Chargeable

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** E-601-3012, F-18E/F F414-GE-400 Engine Third Degree Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.1		0.1		0.1		AOB
0.0		0.0		0.1		0.1		0.1		Chargeable

**CIN, COURSE TITLE:** C-602-2040, Aircrew Survival Equipment Intermediate Maintenance Pipeline  
**TRAINING ACTIVITY:** NATTC  
**LOCATION, UIC:** NAS Pensacola, 01234

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.3		0.5		0.5		AOB
0.0		0.0		0.3		0.5		0.5		Chargeable

**CIN, COURSE TITLE:** E-602-4011, F/A-18 A/F-27T-10 and Servocylinder Test Station Operator/Maintainer  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		1		3		5		5		ATIR
0		1		3		5		5		Output
0.0		0.1		0.4		0.7		0.7		AOB
0.0		0.1		0.4		0.7		0.7		Chargeable

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** E-602-5007, F/A-18 Electrical Components Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		2		3		3		ATIR
0		0		2		3		3		Output
0.0		0.0		0.1		0.1		0.1		AOB
0.0		0.0		0.1		0.1		0.1		Chargeable

**CIN, COURSE TITLE:** M-602-5020, A/F37T-21 Aircraft Engine Components Test Stand Operator/Maintainer  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Cherry Point, 52842

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		4		4		5		ATIR
0		0		4		4		5		Output
0.0		0.0		0.2		0.2		0.3		AOB
0.0		0.0		0.2		0.2		0.3		Chargeable

**CIN, COURSE TITLE:** C-603-3191, Naval Aircraft Non-destructive Inspection Technician Class C1  
**TRAINING ACTIVITY:** NATTC  
**LOCATION, UIC:** NAS Pensacola, 01234

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		1		2		3		3		ATIR
0		1		2		3		3		Output
0.0		0.3		0.5		0.8		0.8		AOB
0.0		0.3		0.5		0.8		0.8		Chargeable

III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-603-4007, Airframes Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		1		3		3		4	ATIR
	2		1		3		3		4	Output
	0.2		0.1		0.2		0.2		0.3	AOB
	0.2		0.1		0.2		0.2		0.3	Chargeable

**CIN, COURSE TITLE:** E-646-7001, Strike Armament Systems Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1067 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		4		5		5	ATIR
	0		1		4		5		5	Output
	0.0		0.2		0.7		0.8		0.8	AOB
	0.0		0.2		0.7		0.8		0.8	Chargeable

**III.A.2.b. PLANNED COURSES**

**CIN, COURSE TITLE:** E-2A-XXX1, EA-18G Fleet Replacement Pilot Category 1 Pipeline  
**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		7		14		18		15		ATIR
0		7		14		18		15		Output
0.0		2.4		4.8		6.2		5.1		AOB
0.0		2.4		4.8		6.2		5.1		Chargeable

**CIN, COURSE TITLE:** E-2A-XXX2, EA-18G Fleet Replacement Pilot Category 2 Pipeline  
**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		7		14		18		15		ATIR
0		7		14		18		15		Output
0.0		2.0		3.9		5.0		4.2		AOB
0.0		2.0		3.9		5.0		4.2		Chargeable

**CIN, COURSE TITLE:** E-2A-XXX3, EA-18G Fleet Replacement Pilot Category 3 Pipeline  
**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		0		12		10		ATIR
0		0		0		12		10		Output
0.0		0.0		0.0		1.6		1.4		AOB
0.0		0.0		0.0		1.6		1.4		Chargeable

**III.A.2.b. PLANNED COURSES**

**CIN, COURSE TITLE:** E-2A-XXX4, EA-18G Fleet Replacement Pilot Category 4 Pipeline  
**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		0		9		9		ATIR
0		0		0		9		9		Output
0.0		0.0		0.0		0.4		0.4		AOB
0.0		0.0		0.0		0.4		0.4		Chargeable

**CIN, COURSE TITLE:** E-2D-XXX1, EA-18G Fleet Replacement ECMO Category 1 Pipeline  
**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		9		16		18		15		ATIR
0		9		16		18		15		Output
0.0		4.7		8.3		9.3		7.8		AOB
0.0		4.7		8.3		9.3		7.8		Chargeable

**CIN, COURSE TITLE:** E-2D-XXX2, EA-18G Fleet Replacement ECMO Category 2 Pipeline  
**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		9		16		18		15		ATIR
0		9		16		18		15		Output
0.0		4.3		7.6		8.5		7.1		AOB
0.0		4.3		7.6		8.5		7.1		Chargeable

**III.A.2.b. PLANNED COURSES**

**CIN, COURSE TITLE:** E-2D-XXX3, EA-18G Fleet Replacement ECMO Category 3 Pipeline  
**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		0		12		10		ATIR
0		0		0		12		10		Output
0.0		0.0		0.0		2.0		1.7		AOB
0.0		0.0		0.0		2.0		1.7		Chargeable

**CIN, COURSE TITLE:** E-2D-XXX4, EA-18G Fleet Replacement ECMO Category 4 Pipeline  
**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		0		7		7		ATIR
0		0		0		7		7		Output
0.0		0.0		0.0		0.9		0.9		AOB
0.0		0.0		0.0		0.9		0.9		Chargeable

**CIN, COURSE TITLE:** E-102-XXX1, EA-18G Avionics Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		25		44		57		49		ATIR
0		23		40		51		44		Output
0.0		5.3		9.3		12.0		10.3		AOB
0.0		5.3		9.3		12.0		10.3		Chargeable

III.A.2.b. PLANNED COURSES

**CIN, COURSE TITLE:** E-102-XXX2, EA-18G Avionics Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		12		25		35		31	ATIR
	0		11		23		32		28	Output
	0.0		1.2		2.5		3.6		3.1	AOB
	0.0		1.2		2.5		3.6		3.1	Chargeable

**CIN, COURSE TITLE:** E-646-XXX1, EA-18G Armament Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		12		19		25		18	ATIR
	0		11		17		23		21	Output
	0.0		0.9		1.5		2.0		1.8	AOB
	0.0		0.9		1.5		2.0		1.8	Chargeable

**CIN, COURSE TITLE:** E-646-XXX2, EA-18G Armament Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

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

CFY08		FY09		FY10		FY11		FY12		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		6		14		20		18	ATIR
	0		5		13		18		16	Output
	0.0		0.2		0.4		0.6		0.5	AOB
	0.0		0.2		0.4		0.6		0.5	Chargeable

## **PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS**

The following elements are not affected by the EA-18G, and, therefore, are not included in Part IV of this NTSP:

### IV.C. Facility Requirements

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

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

IV.C.3. Facility Project Summary by Program

**PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS**

**IV.A. TRAINING HARDWARE**

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

**CIN, COURSE TITLE:** C-601-9976, F/A-18E/F Power Plants and Related Systems (Initial) Organizational Maintenance (Track E-601-0617)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
005	Balance Piston Vent Protector (Part No. 21C14029G03) NA	1	Jul 00	GFE	Onboard
006	Stabilizer Support (Part No. 74D110613-1001) NA	1	Jul 00	GFE	Onboard
007	Vent Cover (Part No. 21C14039P03) NA	1	Jul 00	GFE	Onboard
<b>ST</b>					
100	0 to 50 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
102	0 to 75 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
103	0 to 120 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
104	0 to 150 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
105	0 to 200 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
106	0 to 250 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
107	0 to 300 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
110	0 to 2400 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
111	10 to 750 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
118	0 to 150 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
119	0 to 250 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
121	0 to 600 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
126	Engine Transport Adapter Assembly (Part No. 74D290503-1001) NA	1	Jul 00	GFE	Onboard
127	Engine Removal/Installation Trailer (Part No. JEM7558C) NA	1	Jul 00	GFE	Onboard
128	Left Engine Installation/Removal Guide Rail (Part No. 74D290501-1001) NA	1	Jul 00	GFE	Onboard

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

129	Right Engine Installation/Removal Guide Rail (Part No. 74D290501-1002) NA	1	Jul 00	GFE	Onboard
130	Multi-use Cover (Part No. 21C14022P03) NA	1	Jul 00	GFE	Onboard
300	Flexible Borescope Set (Part No. USN-F404/414) NA	1	Jul 00	GFE	Onboard

**CIN, COURSE TITLE:** C-600-9975, F/A-18E/F Non-Designated Airman/Plane Captain Organizational Maintenance (Track E-602-0601)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
006	Stabilizer Support (Part No. 74D110613-1001) NA	1	Jul 00	GFE	Onboard
<b>ST</b>					
103	0 to 120 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
132	Preoiler (PON6) (Part No. 61A108J1-1) NA	1	Jul 00	GFE	Onboard
133	Hydraulic Comp Air Bleed (Part No. 74D450101-1001) NA	1	Jul 00	GFE	Onboard
134	Adaptor Set Drain (Part No. 74D460020-1003) NA	1	Jul 00	GFE	Onboard

**CIN, COURSE TITLE:** C-602-9978, F/A-18E/F Electrical Instruments System (Initial) Organizational Maintenance (Track E-602-0654)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
114	0 to 50 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
115	0 to 60 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
123	5 to 150 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard

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

**CIN, COURSE TITLE:** C-602-9980, F/A-18E/F Environmental Control System and Safety Equipment (Initial) Organizational Maintenance (Track E-602-0664)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
003	Horizontal Stabilizer Support (Part No. 74D110613-1007) NA	1	Jul 00	GFE	Onboard
004	FLIR Sensor Unit Cover (Part No. 74D740311-1001) NA	1	Jul 00	GFE	Onboard
<b>ST</b>					
100	0 to 50 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
103	0 to 120 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
104	0 to 150 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
105	0 to 200 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
108	0 to 600 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
113	150 to 750 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
116	0 to 100 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
131	Universal Optical Micrometer Kit (Part No. 966A7) NA	1	Jul 00	GFE	Onboard

**CIN, COURSE TITLE:** C-602-9979, F/A-18E/F ECS and Safety Equipment (Career) Organizational Maintenance (Track E-602-0666)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
003	Horizontal Stabilizer Support (Part No. 74D110613-1007) NA	1	Jul 00	GFE	Onboard
004	FLIR Sensor Unit Cover (Part No. 74D740311-1001) NA	1	Jul 00	GFE	Onboard
<b>ST</b>					
108	0 to 600 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard

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

**CIN, COURSE TITLE:** C-603-9976, F/A-18E/F Hydraulic/Structural System (Initial) Organizational Maintenance (Track E-602-0686)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>ST</b>					
100	0 to 50 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
101	0 to 60 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
102	0 to 75 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
103	0 to 120 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
104	0 to 150 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
105	0 to 200 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
107	0 to 300 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
110	0 to 2400 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
112	150 to 175 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
116	0 to 100 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
117	0 to 120 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
118	0 to 150 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
119	0 to 250 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
120	0 to 350 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
121	0 to 600 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
122	0 to 1000 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
124	Spring Resiliency Tester (Part No. DPPH100) NA	1	Jul 00	GFE	Onboard
125	Spring Resiliency Tester (Part No. DPPH250) NA	1	Jul 00	GFE	Onboard

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

**CIN, COURSE TITLE:** C-603-9975, F/A-18E/F Hydraulic/Structural System (Career) Organizational Maintenance (Track E-602-0688)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
100	0 to 50 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
102	0 to 75 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
105	0 to 200 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
108	0 to 600 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
109	0 to 750 Inch-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard
116	0 to 100 Foot-Pound Torque Wrench NA	1	Jul 00	GFE	Onboard

**CIN, COURSE TITLE:** C-102-XXX1, EA-18G Avionics Systems (Initial) Organizational Maintenance (Track E-102-XXX1)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
099	0 to 10 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
100	0 to 50 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
101	0 to 60 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
103	0 to 120 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
104	0 to 150 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
105	0 to 200 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
<b>SPETE</b>					
501	Radio Frequency Test Set (Part No. 1324AS100-2) NA	1	Jan 08	GFE	Pending
502	Radio Frequency Test Set (Part No. 1324AS310) NA	1	Jan 08	GFE	Pending
503	Interconnect Group (Part No. 1324AS320) NA	1	Jan 08	GFE	Pending

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

**CIN, COURSE TITLE:** C-102-XXX2, EA-18G Avionics Systems (Career) Organizational Maintenance (Track E-102-XXX2)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
100	0 to 50 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending

**CIN, COURSE TITLE:** C-646-XXX1, EA-18G Armament Systems (Initial) Organizational Maintenance (Track E-646-XXX1)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
107	0 to 300 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
108	0 to 600 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
109	0 to 750 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
110	0 to 2400 Inch-Pound Torque Wrench NA	1	Jan 08	GFE	Pending
<b>SPETE</b>					
500	MLG Capture Lock Test Set (Part No. 74D130041-1001) NA	1	Jan 08	GFE	Pending

**CIN, COURSE TITLE:** C-646-XXX2, EA-18G Armament Systems (Career) Organizational Maintenance (Track E-646-XXX2)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	Proximity Control Switch (Part No. 74D420030-1001) NA	1	Jan 08	GFE	Pending
002	Seat Safety Pin (Part No. MS145231-2C41031) NA	1	Jan 08	GFE	Pending
<b>GPETE</b>					
400	Multimeter (Part No. 77/BN) NA	1	Jan 08	GFE	Pending

**IV.A.2. TRAINING DEVICES**

**DEVICE:** EA-18G Tactical Operational Flight Trainer (TOFT)  
**DESCRIPTION:** The EA-18G TOFT will be designed to closely simulate the many functions of the aircraft. A mockup of the aircraft cockpit will use the same controls, instruments, and displays as found in the production aircraft. The TOFT will contain mission computers and a communication systems control set identical to those in the actual aircraft, and will interface data between Training Device computers and the cockpit. The device will be used primarily for Pilot Proficiency Tactics, NATOPS and Instrument Flight Checks. Secondary uses are engine turn qualifications, NATOPS training, and flight line fire department indoctrination.

**MANUFACTURER:** MDC  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VFAQ (FRS)  
**LOCATION, UIC:** NAS Whidbey Island, 98765

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE		SUPPORTED
3	Oct 07	Dec 07	Pending	C-2A-XXX1 (Track E-2A-XXX1) C-2A-XXX2 (Track E-2A-XXX2) C-2A-XXX3 (Track E-2A-XXX3) C-2A-XXX4 (Track E-2A-XXX4) C-2D-XXX1 (Track E-2D-XXX1) C-2D-XXX2 (Track E-2D-XXX2) C-2D-XXX3 (Track E-2D-XXX3) C-2D-XXX4 (Track E-2D-XXX4)

**DEVICE:** Armament Systems Maintenance Trainer  
**DESCRIPTION:** The F/A-18E/F Armament System Maintenance Trainer provides organizational level maintenance training for the armament system and fault isolation to interfacing systems. It is used to demonstrate and familiarize personnel with system components, operating characteristics, maintenance, and troubleshooting. The trainer allows the student to practice normal operation, system checkout, fault isolation, removal and reinstallation of selected components, and functional test of the armament system, and component identification and location.

**MANUFACTURER:** Boeing Aircraft (Part No. 921335001)  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE		SUPPORTED
1	Jul 00	Oct 00	Onboard	C-102-XXX1 (Track E-102-XXX1) C-102-XXX2 (Track E-102-XXX2) C-646-XXX1 (Track E-646-XXX1) C-646-XXX2 (Track E-646-XXX2)

**IV.A.2. TRAINING DEVICES**

**DEVICE:** Avionics System Maintenance Trainer  
**DESCRIPTION:** The EA-18G Avionics System Maintenance Trainer will provide organizational level maintenance training for the avionics systems and fault isolation to interfacing systems. It will be used to demonstrate and familiarize personnel with system components, operating characteristics, maintenance, and troubleshooting. The trainer will allow the student to practice normal operation, system checkout, fault isolation, removal and reinstallation of selected components, and functional test of the avionics systems, and component identification and location.

**MANUFACTURER:** Not determined at this time  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAMTRAU Whidbey Island, 45678

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	FY08	FY09	Onboard	C-102-XXX1 (Track E-102-XXX1) C-102-XXX2 (Track E-102-XXX2) C-646-XXX2 (Track E-646-XXX2)

**DEVICE:** ECS/Electrical System Trainer  
**DESCRIPTION:** The Environmental Control System (ECS) Trainer represents a portion of the F/A-18 Aircraft or its subsystems, enabling students to learn and augment their ECS knowledge with practical training. It is a three panel training device representing the Cockpit Area (Panel 1), including all ECS controls and a MK-10 Ejection Seat Trainer; Center Fuselage (Panel 2), duplicating equipment bays; and the Instructor Station (Panel 3), including a malfunction panel for introducing failure symptoms in various ECS systems. The MK-10 Ejection Seat Trainer provides a Training Device that is the same as the equipment of the F/A-18. It is used to meet learning objectives for removing, installing, and testing the ejection seat and its components. The seat has inert pyrotechnics and a transportation cradle.

**MANUFACTURER:** Boeing Aircraft (Part No. 921335003)  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Jul 00	Oct 00	Onboard	C-600-3867 (Track C-600-3867) C-601-9976 (Track E-601-0617) C-601-9975 (Track E-601-0619) C-602-9978 (Track E-602-0654) C-602-9977 (Track E-602-0656) C-602-9980 (Track E-602-0664) C-602-9979 (Track E-602-0666)

**IV.A.2. TRAINING DEVICES**

**DEVICE:** Flight Control System Maintenance Trainer  
**DESCRIPTION:** The F/A-18E Flight Controls Maintenance Trainer accurately reflects the physical configuration of an F/A-18E Aircraft and includes wing structure with functional ailerons, flaps, and wing fold mechanisms, and the aft fuselage structure with one vertical and one horizontal stabilizer. The common crew station has a control stick representative of the actual aircraft stick. The crew station provides all related controls and displays including simulated hydraulic and accumulator pressures.

**MANUFACTURER:** Boeing Aircraft (Part No. 921335004)  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

QTY	DATE	RFT	COURSES
REQD	REQD	DATE	SUPPORTED
1	Jul 00	Oct 00	Onboard
			C-602-9978 (Track E-602-0654)
			C-602-9977 (Track E-602-0656)
			C-603-9976 (Track E-602-0686)
			C-603-9975 (Track E-602-0688)

**DEVICE:** Fuel System Maintenance Trainer  
**DESCRIPTION:** The F/A-18E/F Fuel System Maintenance Trainer provides an accurate replication of an F/A-18E/F fuselage section and wing structure, and provides realistic access to fuel system components. A common crew station is provided, capable of supporting engine start and limited run-up procedures, including representative malfunctions.

**MANUFACTURER:** Boeing Aircraft (Part No. 921335005)  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

QTY	DATE	RFT	COURSES
REQD	REQD	DATE	SUPPORTED
1	Jul 00	Oct 00	Onboard
			C-601-9976 (Track E-601-0617)
			C-601-9975 (Track E-601-0619)
			C-602-9978 (Track E-602-0654)
			C-602-9977 (Track E-602-0656)

**IV.A.2. TRAINING DEVICES**

**DEVICE:** Landing Gear/Hydraulic System Maintenance Trainer  
**DESCRIPTION:** The F/A-18E Landing Gear/Hydraulic Maintenance Trainer accurately reflects an F/A-18E Aircraft and includes main landing gear, nose landing gear, gear doors, hydraulic bay, and auxiliary power unit bay. It provides all related controls and displays, hydraulic system servicing (3,000/5,000 psi), troubleshooting, and fault correction.

**MANUFACTURER:** Boeing Aircraft (Part No. 921335006)  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

<b>QTY</b>	<b>DATE</b>	<b>RFT</b>	<b>STATUS</b>	<b>COURSES</b>
<b>REQD</b>	<b>REQD</b>	<b>DATE</b>	<b>STATUS</b>	<b>SUPPORTED</b>
1	Jul 00	Oct 00	Onboard	C-602-9978 (Track E-602-0654) C-602-9977 (Track E-602-0656) C-603-9976 (Track E-602-0686) C-603-9975 (Track E-602-0688)

**IV.B. COURSEWARE REQUIREMENTS**

**IV.B.1. TRAINING SERVICES**

<b>COURSE / TYPE OF TRAINING</b>	<b>SCHOOL LOCATION, UIC</b>	<b>NO. OF PERSONNEL</b>	<b>MAN WEEKS REQUIRED</b>	<b>DATE BEGIN</b>
Cadre Training - AO	MTU XXXX NAMTRAU, 00001	2	3.2	Oct 07
Cadre Training - AT	MTU XXXX NAMTRAU, 00001	2	3.2	Oct 08
Cadre Training - NFO	VFAQ (FRS), 00000	2	3.2	Oct 07
Cadre Training - Pilot	VFAQ (FRS), 00000	2	3.2	Oct 07
Developmental Test and Evaluation	MDC Facility, 00000	2	2.0	Sep 03
Operational Test and Evaluation (OT&E)	To Be Determined (TBD), 00000	2	2.0	Oct 06

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-600-3867, F/A-18E/F Organizational Maintenance Supervisors Familiarization (Track C-600-3867)  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**CIN, COURSE TITLE:** C-601-9976, F/A-18E/F Power Plants and Related Systems (Initial) Organizational Maintenance (Track E-601-0617)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**CIN, COURSE TITLE:** C-601-9975, F/A-18E/F Power Plants and Related Systems (Career) Organizational Maintenance (Track E-601-0619)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**CIN, COURSE TITLE:** C-600-9975, F/A-18E/F Non-Designated Airman/Plane Captain Organizational Maintenance (Track E-602-0601)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Hydraulic Fluid Contamination Analyst Kit (Part No. CM20-9090)	1	Jul 00	Onboard
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**CIN, COURSE TITLE:** C-602-9978, F/A-18E/F Electrical Instruments System (Initial) Organizational Maintenance (Track E-602-0654)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-602-9977, F/A-18E/F Electrical/Instruments System (Career) Organizational Maintenance (Track E-602-0656)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**CIN, COURSE TITLE:** C-602-9980, F/A-18E/F Environmental Control System and Safety Equipment (Initial) Organizational Maintenance (Track E-602-0664)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**CIN, COURSE TITLE:** C-602-9979, F/A-18E/F ECS and Safety Equipment (Career) Organizational Maintenance (Track E-602-0666)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**CIN, COURSE TITLE:** C-603-9976, F/A-18E/F Hydraulic/Structural System (Initial) Organizational Maintenance (Track E-602-0686)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Hydraulic Fluid Contamination Analyst Kit )Part No. CM20-9090)	1	Jul 00	Onboard
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**CIN, COURSE TITLE:** C-603-9975, F/A-18E/F Hydraulic/Structural System (Career) Organizational Maintenance (Track E-602-0688)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	5	Jul 00	Onboard
Interactive Electronic Technical Manual System	3	Jul 00	Onboard
Trainee Guide	50	Jul 00	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-102-XXX1, EA-18G Avionics Systems (Initial) Organizational Maintenance (Track E-102-XXX1)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	5	Jan 08	Pending
Interactive Electronic Technical Manual System	3	Jan 08	Pending
Trainee Guide	50	Jan 08	Pending

**CIN, COURSE TITLE:** C-102-XXX2, EA-18G Avionics Systems (Career) Organizational Maintenance (Track E-102-XXX2)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	5	Jan 08	Pending
Interactive Electronic Technical Manual System	3	Jan 08	Pending
Trainee Guide	50	Jan 08	Pending

**CIN, COURSE TITLE:** C-646-XXX1, EA-18G Armament Systems (Initial) Organizational Maintenance (Track E-646-XXX1)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	5	Jan 08	Pending
Interactive Electronic Technical Manual System	3	Jan 08	Pending
Trainee Guide	50	Jan 08	Pending

**CIN, COURSE TITLE:** C-646-XXX2, EA-18G Armament Systems (Career) Organizational Maintenance (Track E-646-XXX2)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	5	Jan 08	Pending
Interactive Electronic Technical Manual System	3	Jan 08	Pending
Trainee Guide	50	Jan 08	Pending

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-600-3867, F/A-18E/F Organizational Maintenance Supervisors Familiarization (Track C-600-3867)  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-240-500 Secondary Power System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-410-500 Environmental Control System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-440-500 Lighting System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-460-500 Fuel System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-580-500 Flight Incident Recorder and Monitoring System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-600-500 Communication, TACAN, ADF, Electronic Altimeter, and IFF System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-730-500 Inertial Navigation System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-731-500 Digital Map Set Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-740-500 Weapon Control System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-741-500 Mission Computer System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-744-500 Forward Looking Infrared System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-745-500 Multipurpose Display Group System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-760-500 Tactical Electronic Warfare System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-770-500 Video Recording and Reconnaissance System Schematics	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-F18EA-AML-000 Aircraft Technical Documentation List	IETM	8	Jul 00	Onboard
A1-F18EA-GAI-000 General Aircraft Information	IETM	8	Jul 00	Onboard
A1-F18EA-LWS-000 Airborne Weapons/Stores Loading Manual	IETM	8	Jul 00	Onboard
A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jul 00	Onboard
A1-F18EA-NFM-000 NATOPS Flight Manual	IETM	8	Jul 00	Onboard
A1-F18EA-SCM-000 Software Configuration Manual	IETM	8	Jul 00	Onboard

**CIN, COURSE TITLE:** C-601-9976, F/A-18E/F Power Plants and Related Systems (Initial) Organizational Maintenance (Track E-601-0617)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-240-500 Secondary Power System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-GAI-000 General Aircraft Information	IETM	8	Jul 00	Onboard
A1-F18EA-LWS-000 Airborne Weapons/Stores Loading Manual	IETM	8	Jul 00	Onboard
NA 01-1A-35 Aircraft Fuel Cells and Internal/External Tanks	IETM	8	Jul 00	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-601-9975, F/A-18E/F Power Plants and Related Systems (Career) Organizational Maintenance (Track E-601-0619)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-240-500 Secondary Power System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-270-500 Power Plant and Related Systems Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-410-500 Environmental Control System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-460-500 Fuel System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jul 00	Onboard
NA 01-1A-35 Aircraft Fuel Cells and Internal/External Tanks	IETM	8	Jul 00	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jul 00	Onboard
SAME Similar to Automated Maintenance Environment, Users Manual	IETM	8	Jul 00	Onboard

**CIN, COURSE TITLE:** C-600-9975, F/A-18E/F Non-Designated Airman/Plane Captain Organizational Maintenance (Track E-602-0601)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-AML-000 Aircraft Technical Documentation List	IETM	8	Jul 00	Onboard
A1-F18EA-GAI-000 General Aircraft Information	IETM	8	Jul 00	Onboard
A1-F18EA-LMM-020 Line Maintenance Emergency Procedures	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-F18EA-MRC-100 Turnaround Checklist	IETM	8	Jul 00	Onboard
A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jul 00	Onboard
A1-F18EA-NFM-000 NATOPS Flight Manual	IETM	8	Jul 00	Onboard
A1-Fi8EA LMM-000 Line Maintenance Manual	IETM	8	Jul 00	Onboard
COMNAVAIRLANT INST 3100 Air Department Standard Operating Procedures (SOP)	IETM	8	Jul 00	Onboard
COMNAVAIRPAC INST 3100 Air Department Standard Operating Procedures (SOP)	IETM	8	Jul 00	Onboard
IBSN 0-87021-111-0 Bluejackets Manual	IETM	8	Jul 00	Onboard
NA 00-80R-14 U.S. Navy Aircraft Firefighting and Rescue Manual	IETM	8	Jul 00	Onboard
NA 00-80T-105 CV NATOPS Manual	IETM	8	Jul 00	Onboard
NA 00-80T-113 Aircraft Signals NATOPS Manual	IETM	8	Jul 00	Onboard
NA 01-1A-17 Aviation Hydraulics Manual	IETM	8	Jul 00	Onboard
NA 01-1A-509 Aircraft Weapons System Cleaning and Corrosion Control	IETM	8	Jul 00	Onboard
NAEC-MISC-06900 Aircraft Carrier Reference Data Manual	IETM	8	Jul 00	Onboard
NAVEDTRA 10342-3 Aviation Maintenance Rating Fundamentals	IETM	8	Jul 00	Onboard
NSTM 077 Naval Ship Technical Manual	IETM	8	Jul 00	Onboard
OPNAV Form 4790/38 Preflight/Daily/Turnaround/Postflight Maintenance Record	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jul 00	Onboard
SAME Similar to Automated Maintenance Environment, Users Manual	IETM	8	Jul 00	Onboard

**CIN, COURSE TITLE:** C-602-9978, F/A-18E/F Electrical Instruments System (Initial) Organizational Maintenance (Track E-602-0654)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-130-500 Landing Gear and Related Systems Schematic	IETM	8	Jul 00	Onboard
A1-F18EA-240-500 Secondary Power System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-270-500 Power Plant and Related Systems Schematics	IETM	1	Jul 00	Onboard
A1-F18EA-410-500 Environmental Control System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-420-500 Electrical System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-440-500 Lighting System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-450-500 Hydraulic System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-460-500 Fuel System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-570-500 Integrated Flight Controls System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-730-500 Inertial Navigation System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-731-500 Digital Map Set Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-AML-000 Aircraft Technical Documentation List	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-F18EA-GAI-000 General Aircraft Information	IETM	8	Jul 00	Onboard
A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jul 00	Onboard
A1-F18EA-NFM-000 NATOPS Flight Manual	IETM	8	Jul 00	Onboard
NA 01-1A-509 Aircraft Weapons System Cleaning and Corrosion Control	IETM	8	Jul 00	Onboard
NA 03-10JA-34 Air Refueling Store Assembly, Organizational, Intermediate, and Depot Maintenance	IETM	8	Jul 00	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jul 00	Onboard
SAME Similar to Automated Maintenance Environment, Users Manual	IETM	8	Jul 00	Onboard
T.O. 33D7-3-60-71 TTU-205 Pressure Temperature Set Operation and Maintenance Instruction	IETM	8	Jul 00	Onboard

**CIN, COURSE TITLE:** C-602-9977, F/A-18E/F Electrical/Instruments System (Career) Organizational Maintenance (Track E-602-0656)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-120-500 Seat, Canopy, Survival Equipment and Boarding Ladder Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-130-500 Landing Gear and Related Systems Schematic	IETM	8	Jul 00	Onboard
A1-F18EA-240-500 Secondary Power System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-270-500 Power Plant and Related Systems Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-410-500 Environmental Control System Schematics	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-F18EA-420-500 Electrical System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-440-500 Lighting System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-460-500 Fuel System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-510-500 Instrument System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-560-500 Air Data System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-570-500 Integrated Flight Controls System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-580-500 Flight Incident Recorder and Monitoring System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-730-500 Inertial Navigation System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-731-500 Digital Map Set Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-741-500 Mission Computer System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-SCM-000 Software Configuration Manual	IETM	8	Jul 00	Onboard
NA 03-10JA-34 Air Refueling Store Assembly, Organizational, Intermediate, and Depot Maintenance	IETM	8	Jul 00	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-602-9980, F/A-18E/F Environmental Control System and Safety Equipment (Initial) Organizational Maintenance (Track E-602-0664)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-410-500 Environmental Control System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jul 00	Onboard
MIL-STD-1686 ESD Program for Protection of Electrical Parts, Assemblies, and Equipment	IETM	8	Jul 00	Onboard
NA 11-100-1.1 General Use Cartridges and Cartridge Actuated Devices for Aircraft and Associated Equipment	IETM	8	Jul 00	Onboard
NA 11-85-1 Aircrew Escape Propulsion System Devices	IETM	8	Jul 00	Onboard
NA 13-600-15-6-3 Maintenance Requirements Cards, Scheduled 728 Day	IETM	8	Jul 00	Onboard
NAVORD OP 3347 U.S. Navy Ordnance Safety Precautions	IETM	8	Jul 00	Onboard
NAVORD OP 3565 Hazardous Electromagnetic Radiation Ordnance	IETM	8	Jul 00	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jul 00	Onboard
OPNAVINST 8023.2 U.S. Navy Explosive Safety Policy Manual	IETM	8	Jul 00	Onboard
SAME Similar to Automated Maintenance Environment, Users Manual	IETM	8	Jul 00	Onboard
T. O. 33B4-2-10-1 Universal Optical Micrometer Kit	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-602-9979, F/A-18E/F ECS and Safety Equipment (Career) Organizational Maintenance (Track E-602-0666)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-F18EA-120-500 Seat, Canopy, Survival Equipment and Boarding Ladder Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-240-500 Secondary Power System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-410-500 Environmental Control System Schematics	IETM	8	Jul 00	Onboard

**CIN, COURSE TITLE:** C-603-9976, F/A-18E/F Hydraulic/Structural System (Initial) Organizational Maintenance (Track E-602-0686)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-F18EA-130-500 Landing Gear and Related Systems Schematic	IETM	8	Jul 00	Onboard
A1-F18EA-460-500 Fuel System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-570-500 Integrated Flight Controls System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-AML-000 Aircraft Technical Documentation List	IETM	8	Jul 00	Onboard
A1-F18EA-GAI-000 General Aircraft Information	IETM	8	Jul 00	Onboard
A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jul 00	Onboard
A1-F18EA-NFM-000 NATOPS Flight Manual	IETM	8	Jul 00	Onboard
A1-F18EA-SRM-500 Aircraft Corrosion Control	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-F18EA-SRM-600 Forward Fuselage Structure Repair	IETM	8	Jul 00	Onboard
A1-F18EA-SRM-650 Forward Fuselage Structure Repair	IETM	8	Jul 00	Onboard
NA 01-1A-17 Aviation Hydraulics Manual	IETM	8	Jul 00	Onboard
NA 01-1A-509 Aircraft Weapons System Cleaning and Corrosion Control	IETM	8	Jul 00	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jul 00	Onboard
SAME Similar to Automated Maintenance Environment, Users Manual	IETM	8	Jul 00	Onboard

**CIN, COURSE TITLE:** C-603-9975, F/A-18E/F Hydraulic/Structural System (Career) Organizational Maintenance (Track E-602-0688)

**TRAINING ACTIVITY:** MTU 1038 NAMTRAU

**LOCATION, UIC:** NAS Lemoore, 66060

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-130-500 Landing Gear and Related Systems Schematic	IETM	8	Jul 00	Onboard
A1-F18EA-570-500 Integrated Flight Controls System Schematics	IETM	8	Jul 00	Onboard
A1-F18EA-GAI-000 General Aircraft Information	IETM	8	Jul 00	Onboard
A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jul 00	Onboard
A1-F18EA-SRM-601 Structure Repair, Wing	IETM	8	Jul 00	Onboard
A1-F18EA-SRM-760 Structure Repair, Aft Fuselage	IETM	8	Jul 00	Onboard
Course Code 052304 Boeing F/A-18 Moldline Fidelity	IETM	8	Jul 00	Onboard
MDA 95A002 F/A-18E/F New Technology Supportability Design Baseline	IETM	8	Jul 00	Onboard

**IV.B.3. TECHNICAL MANUALS**

NA 01-1A-17 Aviation Hydraulics Manual	IETM	8	Jul 00	Onboard
NA 01-1A-21 General Composite Repair	IETM	8	Jul 00	Onboard
NAVEDTRA 12414 Radar System Volume 4	IETM	8	Jul 00	Onboard

**CIN, COURSE TITLE:** C-102-XXX1, EA-18G Avionics Systems (Initial) Organizational Maintenance (Track E-102-XXX1)  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-580-500 Flight Incident Recorder and Monitoring System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-600-500 Communication, TACAN, ADF, Electronic Altimeter, and IFF System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-630-500 Data Link, Instrument Landing, and Radar Beacon System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-710-500 Global Positioning System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-731-500 Digital Map Set Schematics	IETM	8	Jan 08	Pending
A1-F18EA-741-500 Mission Computer System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-742-500 Radar System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-744-500 Forward Looking Infrared System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-745-500 Multipurpose Display Group System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-746-500 Navigational Infrared Receiving Schematics	IETM	8	Jan 08	Pending

**IV.B.3. TECHNICAL MANUALS**

A1-F18EA-760-500 Tactical Electronic Warfare System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-770-500 Video Recording and Reconnaissance System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-AML-000 Aircraft Technical Documentation List	IETM	8	Jan 08	Pending
A1-F18EA-GAI-000 General Aircraft Information	IETM	8	Jan 08	Pending
A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jan 08	Pending
A1-F18EA-NFM-000 NATOPS Flight Manual	IETM	8	Jan 08	Pending
A1-F18EA-SCM-000 Software Configuration Manual	IETM	8	Jan 08	Pending
NA 01-1A-509 Aircraft Weapons System Cleaning and Corrosion Control	IETM	8	Jan 08	Pending
OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jan 08	Pending
SAME Similar to Automated Maintenance Environment, Users Manual	IETM	8	Jan 08	Pending

**CIN, COURSE TITLE:** C-102-XXX2, EA-18G Avionics Systems (Career) Organizational Maintenance (Track E-102-XXX2)  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-600-500 Communication, TACAN, ADF, Electronic Altimeter, and IFF System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-731-500 Digital Map Set Schematics	IETM	8	Jan 08	Pending
A1-F18EA-740-100/110 Weapon Control Systems, Principles of Operation	IETM	8	Jan 08	Pending
A1-F18EA-741-500 Mission Computer System Schematics	IETM	8	Jan 08	Pending

**IV.B.3. TECHNICAL MANUALS**

A1-F18EA-742-500 Radar System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-744-500 Forward Looking Infrared System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-745-500 Multipurpose Display Group System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-760-500 Tactical Electronic Warfare System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-LWS-000 Airborne Weapons/Stores Loading Manual	IETM	8	Jan 08	Pending
A1-F18EA-SCM-000 Software Configuration Manual	IETM	8	Jan 08	Pending

**CIN, COURSE TITLE:** C-646-XXX1, EA-18G Armament Systems (Initial) Organizational Maintenance (Track E-646-XXX1)  
**TRAINING ACTIVITY:** MTU XXXX NAMTRAU  
**LOCATION, UIC:** NAS Whidbey Island, 45678

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-740-300 Weapon Control System	IETM	8	Jan 08	Pending
A1-F18EA-740-500 Weapon Control System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-750-300 Gun System Maintenance with IPB	IETM	8	Jan 08	Pending
A1-F18EA-750-500 Gun System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-760-300 Tactical Electronic Warfare	IETM	8	Jan 08	Pending
A1-F18EA-AML-000 Aircraft Technical Documentation List	IETM	8	Jan 08	Pending
A1-F18EA-GAI-000 General Aircraft Information	IETM	8	Jan 08	Pending
A1-F18EA-LWS-000 Airborne Weapons/Stores Loading Manual	IETM	8	Jan 08	Pending

**IV.B.3. TECHNICAL MANUALS**

A1-F18EA-MRC-200 Daily Maintenance Requirements Cards	Hard copy	8	Jan 08	Pending
A1-F18EA-NFM-000 NATOPS Flight Manual	IETM	8	Jan 08	Pending
NA 01-1A-509 Aircraft Weapons System Cleaning and Corrosion Control	IETM	8	Jan 08	Pending
OPNAVINST 4790.2 series Naval Aviation Maintenance Program (NAMP)	IETM	8	Jan 08	Pending
SAME Similar to Automated Maintenance Environment, Users Manual	IETM	8	Jan 08	Pending

**CIN, COURSE TITLE:** C-646-XXX2, EA-18G Armament Systems (Career) Organizational Maintenance (Track E-646-XXX2)

**TRAINING ACTIVITY:** MTU XXXX NAMTRAU

**LOCATION, UIC:** NAS Whidbey Island, 45678

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F18EA-740-500 Weapon Control System Schematics	IETM	8	Jan 08	Pending
A1-F18EA-750-500 Gun System Schematics	IETM	8	Jan 08	Pending

**PART V - MPT MILESTONES**

<b>COG CODE</b>	<b>MPT MILESTONES</b>	<b>DATE</b>	<b>STATUS</b>
OPNAV	Established Need Statement for Electronic Warfare Capability in the F/A-18 Aircraft	Mar 00	Completed
OPNAV	Developed Threat Assessment for Naval Electronic Warfare System	Jul 00	Completed
OPNAV	Developed AEA ORD	Aug 02	Completed
PDA	Developed Acquisition Strategy for EA-18G SDD	May 03	Completed
PDA	Developed Test and Evaluation Master Plan for AEA Integration into the F/A-18E/F	Jun 03	Completed
PDA	Developed Manpower Estimate Report for the EA-18G	Jul 03	Completed
PDA	Developed Draft NTSP for the EA-18G	Oct 03	Completed
PDA	Achieve Acquisition Milestone B Decision	Oct 03	Pending
EA-6B PDA	Achieve EA-6B ICAP III IOC	FY05	Pending
PDA	Begin DT&E	FY06	Pending
MDC	Conduct Initial Training for DT&E	FY06	Pending
PDA	Achieve Acquisition Milestone C	FY06	Pending
PDA	Perform First Test Flight	FY07	Pending
MDC	Conduct Initial Training for OT&E	FY07	Pending
PDA	Begin OT&E	FY07	Pending
PDA	Conduct Test Verification and Validation	FY08	Pending
MDC	Deliver SDD Aircraft	FY08	Pending
MDC	Conduct Cadre Training for Instructors	FY08	Pending
TSA	Deliver TD to VFAQ FRS	FY08	Pending
TA	Begin EA-18G Follow-On Training	FY08	Pending
TA	Stand-up VFAQ FRS	FY08	Pending
VX-9	Conduct Operational Evaluation	FY09	Pending
PDA	Achieve Initial Operating Capability	FY09	Pending
MDC	Deliver First LRIP EA-18G	FY09	Pending
PDA	Stand-up First VFAQ Squadron	FY09	Pending
PSICP	Achieve MSD	FY10	Pending
PDA	Achieve Navy Support Date	FY10	Pending

**PART VI - DECISION ITEMS / ACTION REQUIRED**

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATU S
Investigate if the ALQ-99 Pod Adapter TTE will be required to support Organizational Level Aviation Ordnanceman Training	PMA 265/PMA205	NA	Open

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