

**NAVY TRAINING SYSTEM PLAN**  
**FOR THE**  
**MH-60S MULTI-MISSION HELICOPTER**

**N88-NTSP-A-50-9902A/D**

**AUGUST 2001**

## MH-60S MULTI-MISSION HELICOPTER

### EXECUTIVE SUMMARY

The MH-60S Multi-Mission Helicopter (formerly called the CH-60S) is a single main rotor helicopter derived from the U.S. Navy's SH-60 Seahawk series and U.S. Army's UH-60 Blackhawk series helicopters. The MH-60S will replace the H-46D, UH-3H, MH-53E, HH-60H, and HH-1N Helicopters. The primary missions of the MH-60S will include Vertical Replenishment, Search and Rescue, Vertical Onboard Delivery, Airhead Operations, Combat Search and Rescue (CSAR), and Organic Airborne Mine Countermeasures (OAMCM). Secondary missions will include Special Warfare Support (SWS), Medical Evacuation, and Non-combatant Evacuation Operations. Currently, the MH-60S is in the System Development and Demonstration phase of the Defense Acquisition System. Initial Operating Capability is scheduled for third quarter Fiscal Year (FY) 02 for the basic MH-60S and FY05 for the OAMCM version.

Operator and maintainer manpower for the MH-60S will come from existing Helicopter Combat Support (HC), Helicopter Antisubmarine, and Helicopter Combat Support (Special) squadron manpower. Helicopter Mine Countermeasures squadron manpower requirements for the MH-60S have not yet been determined. Three new Navy Enlisted Classifications have been established to support the MH-60S: 8205 for MH-60S Multi Mission Helicopter Aircrewman, and 8389 and 8808 for MH-60S Electronics Systems Organizational Maintenance Technicians, career and initial, respectively.

The H-60 In-Service Support Team at Naval Aviation Depot Cherry Point, North Carolina, is leading an effort to change the current H-60 maintenance concept. This new concept is the H-60 Integrated Maintenance Concept, a Reliability Centered Maintenance-based approach to maintaining aircraft. This effort will repackage all H-60 maintenance tasks to combine organizational, intermediate, and depot level maintenance efforts to be performed on-site between deployments. Under this plan, Standard Depot Level Maintenance-like tasks will be performed with much more frequency than the current eight-to-11-year cycle. Organizational level would still have at-sea requirements, but the bulk of inspections and preventive maintenance tasks would be performed in port by integrated maintenance teams between deployments.

Initial MH-60S operator and maintenance training has been provided for test and evaluation personnel and, beginning in August 2001, will be provided for a cadre of pilot, aircrew, and maintenance instructors by contractor personnel. In FY02 through FY03, transition training will be a combination of initial training provided by Contractor Engineering and Technical Services in Norfolk, Virginia, and follow-on training provided by HC-3, Maintenance Training Unit (MTU) 1022, and Naval Air Technical Data and Engineering Service Command personnel in North Island, California. By FY04, initial training will be completed and follow-on training for transitioning and replacement personnel will be provided by HC-3 and MTU 1022 in North Island and an MTU (to be determined) at Norfolk, Virginia. As more legacy helicopters

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are replaced by the MH-60S, another MTU will transition to teaching MH-60S maintenance, either MTU 1066 in Mayport, Florida, or MTU 1005 in Jacksonville, Florida.

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**LIST OF ACRONYMS**

ACDU	Active Duty
AD	Aviation Machinist's Mate
AE	Aviation Electrician's Mate
AFCS	Automatic Flight Control Systems
AIMD	Aircraft Intermediate Maintenance Department
ALMDS	Airborne Laser Mine Detection System
AM	Aviation Structural Mechanic (Hydraulics and Structures)
AMNS	Airborne Mine Neutralization System
AMT	Avionics Maintenance Trainer
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
AOB	Average Onboard
APU	Auxiliary Power Unit
ARG	Amphibious Readiness Group
AT	Aviation Electronics Technician
ATIR	Annual Training Input Requirements
CAI	Computer Aided Instruction
CASS	Consolidated Automated Support System
CBT	Computer-Based Training
CETS	Contractor Engineering and Technical Services
CFY	Current Fiscal Year
CIN	Course Identification Number
CINCLANTFLT	Commander in Chief, Atlantic Fleet
CINCPACFLT	Commander in Chief, Pacific Fleet
CLF	Combat Logistics Force
CNET	Commander Naval Education and Training
CNO	Chief of Naval Operations
CC	Common Console
COMNAVAIRESFOR	Commander, Naval Air Reserve Force
CSAR	Combat Search and Rescue
CSE	Common Support Equipment
CSTRS	Carriage, Stream, Tow, and Recovery System
DoD	Department of Defense
DT	Developmental Testing
ECS	Environmental Control System

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**LIST OF ACRONYMS**

FLIR	Forward Looking Infrared
FMS	Foreign Military Sales
FRS	Fleet Readiness Squadron
FY	Fiscal Year
GRL	Gross Requirements List
HC	Helicopter Combat Support Squadron
HCS	Helicopter Combat Support (Special) Squadron
HM	Helicopter Mine Countermeasures Squadron
HS	Helicopter Antisubmarine Squadron
HSL	Helicopter Antisubmarine Light Squadron
HSI	Human Systems Integration
IETM	Interactive Electronic Technical Manual
IMC	Integrated Maintenance Concept
ISST	In-Service Support Team
LMSI	Lockheed Martin Systems Integration
MMH	Multi-Mission Helicopter
MTU	Maintenance Training Unit
NA	Not Applicable
NAF	Naval Air Facility
NAMP	Naval Aviation Maintenance Program
NAMTRAU	Naval Air Maintenance Training Unit
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAS	Naval Air Station
NATEC	Naval Air Technical Data and Engineering Service Command
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVAIRSYSCOM	Naval Air Systems Command
NAVAVNDEPOT	Naval Aviation Depot
NAVICP	Naval Inventory Control Point
NAVPERSCOM	Navy Personnel Command
NAWCAD	Naval Air Warfare Center Aircraft Division
NEC	Navy Enlisted Classification
NS	Naval Station

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**LIST OF ACRONYMS**

NTSP	Navy Training System Plan
NVD	Night Vision Device
OASIS	Organic Airborne and Surface Influence Sweep
OFT	Operational Flight Trainer
OJT	On-the-Job Training
OPNAV	Office of the Chief of Naval Operations
OPO	OPNAV Principal Official
OAMCM	Organic Airborne Mine Countermeasures Mission
OT	Operational Test
PEDD	Portable Electronic Display Device
PFY	Prior Fiscal Year
PMA	Program Manager, Air
PMS	Program Manager, Sea
POE	Projected Operating Environment
PQS	Personnel Qualification Standards
PSE	Peculiar Support Equipment
PSQMD	Preliminary Squadron Manpower Document
RAMICS	Rapid Airborne Mine Clearance System
RAST	Recovery, Assist, Secure, and Traverse
RCM	Reliability Centered Maintenance
RFT	Ready For Training
ROC	Required Operational Capability
SAR	Search and Rescue
SDLM	Standard Depot Level Maintenance
SELRES	Selected Reserve
SRA	Shop Replaceable Assembly
SWS	Special Warfare Support
TAR	Temporary Active Reserve
TBD	To Be Determined
TD	Training Device
T/OFT	Tactical/Operational Flight Trainer
TTE	Technical Training Equipment

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**LIST OF ACRONYMS**

VC	Fleet Composite Squadron
VERTREP	Vertical Replenishment
VOD	Vertical Onboard Delivery
VX	Air Development Squadron
WRA	Weapon Replaceable Assembly
WST	Weapon System Trainer

## **MH-60S MULTI-MISSION HELICOPTER**

### **PREFACE**

This Draft MH-60S Multi-Mission Helicopter Navy Training System Plan (NTSP) has been prepared to update and revise the Approved CH-60S Multi-Mission Helicopter NTSP, N88-NTSP-A-50-9902/A, dated August 2000. This NTSP was prepared as part of the NTSP update process within the guidelines set forth in Navy Training Requirements Documentation Manual, Office of the Chief of Naval Operations (OPNAV) Publication P-751-1-9-97.

This NTSP reflects changes that have occurred since the CH-60S Multi-Mission Helicopter NTSP, N88-NTSP-A-50-9902/A, dated August 2000, was approved. The major changes to this NTSP consist of:

- Helicopter nomenclature change from CH-60S to MH-60S, with the “M” representing Multi-Mission as approved by Department of Defense (DoD) guidelines
- Organic Airborne Mine Countermeasures (OAMCM) equipment descriptions
- New Navy Enlisted Classifications (NEC) 8389 and 8808 for Aviation Electronics Technician (AT) and Aviation Electrician’s Mate (AE) organizational level maintenance personnel, and 8205 for MH-60S Aircrewman
- Updated training information including training dates, transition maintenance training, and proposed training for the newly established NECs
- MH-60S Helicopter delivery schedule and updated transition schedule for Helicopter Combat Support Squadrons (HC)

No decision has been made yet for the site of MH-60S maintenance training in North Florida. The training site will be either at Naval Station (NS) Mayport where SH-60B maintenance training is conducted or Naval Air Station (NAS) Jacksonville where SH-60F and HH-60H maintenance training is conducted.

**PART I - TECHNICAL PROGRAM DATA**

**A. NOMENCLATURE-TITLE-PROGRAM**

- 1. **Nomenclature-Title-Acronym.** MH-60S Multi-Mission Helicopter
- 2. **Program Element.** 0604212N

**B. SECURITY CLASSIFICATION**

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

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

- OPNAV Principal Official (OPO) Program Sponsor ..... CNO (N781)
- OPO Resource Sponsor..... CNO (N785)
- Developing Agency..... NAVAIRSYSCOM (PMA299)
- Training Agency ..... CINCLANTFLT  
CINCPACFLT  
CNET
- Training Support Agency ..... NAVAIRSYSCOM (PMA205)  
COMNAVAIRESFOR
- Manpower and Personnel Mission Sponsor ..... CNO (N12)  
NAVPERSCOM (PERS-4, PERS-404)
- Director of Naval Training ..... CNO (N795)
- Commander, Reserve Program Manager..... COMNAVAIRESFOR (N78R2)

**D. SYSTEM DESCRIPTION**

1. **Operational Uses.** The primary missions of the MH-60S Multi-Mission Helicopter will include day and night Vertical Replenishment (VERTREP), day and night Search and

Rescue (SAR), primary SAR for Amphibious Readiness Group (ARG), Vertical Onboard Delivery (VOD), Airhead Operations, Combat Search and Rescue (CSAR), and OAMCM. Secondary missions of the MH-60S will include Special Warfare Support (SWS), Medical Evacuation, and Non-combatant Evacuation Operations. Additional missions include recovery of torpedoes, drones, unmanned aerial vehicles, and unmanned undersea vehicles, humanitarian assistance, executive transport, and disaster relief.

The MH-60S will be employed by a variety of Navy and Navy Reserve squadron types including HC, Helicopter Mine Countermeasures (HM), Helicopter Antisubmarine (HS), Helicopter Combat Support Special (HCS), Helicopter Antisubmarine Light (HSL), and Fleet Composite (VC). In addition, the MH-60S will replace NAS based helicopters throughout the continental United States and overseas.

The CSAR/SWS version of the MH-60S will have mission equipment installed that will provide the Navy with capabilities for CSAR and SWS in both the active carrier-based HS squadrons and Reserve HCS squadrons. The OAMCM version of the MH-60S will incorporate modular (palletized) OAMCM systems and bolt-on components into the helicopter to provide these capabilities for the HM squadrons.

**2. Foreign Military Sales.** There is currently Foreign Military Sales (FMS) interest, but no firm plans for the MH-60S Helicopter.

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** The MH-60S Integrated Test Team, composed of contractor and U.S. Navy Test and Evaluation personnel, completed a successful Developmental and Operational Assessment (IT-II/OT-IIA) of a prototype CH-60S during first quarter Fiscal Year (FY) 98.

Developmental Test (DT), DT-IIA, of production representative MH-60S Helicopters was conducted between May 2000 and February 2001 by contractor and U.S. Navy Test and Evaluation personnel at Naval Air Warfare Center Aircraft Division (NAWCAD) Patuxent River, Maryland. Operational Test (OT), OT-IIB, will be ( TBD) by Air Development Squadron (VX) -1 at NAWCAD Patuxent River.

DT-IIIA and OT-IIIB of the CSAR/SWS version of the MH-60S is scheduled to begin in fourth quarter FY04.

**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** The H-46D Helicopter will be the first to be replaced by the MH-60S, beginning with the Fleet Readiness Squadron, HC-3, in August 2001. The table below depicts the helicopter transition schedule for the MH-60S.

<b>TYPE SQUADRON</b>	<b>HELICOPTER REPLACED</b>	<b>TRANSITION START DATE</b>
HC	H-46D UH-3H	FY01 (4 <sup>th</sup> qtr) FY04
HC-4	MH-53E	FY10
HM	MH-53E	FY05
HS	HH-60H	FY06
HCS	HH-60H	FY07
HSL	UH-3H	FY09
NAS	HH-1N UH-3H	FY09

**G. DESCRIPTION OF NEW DEVELOPMENT**

**1. Functional Description.** The MH-60S is a single main rotor, twin-engine helicopter manufactured by Sikorsky Aircraft Corporation. It is configured with a 20-degree tractor type canted tail rotor, a controllable stabilator, a conventional fixed landing gear, an external cargo hook, and a rescue hoist.

The MH-60S will be able to operate day or night, under adverse weather conditions, including flight in light icing. The helicopter will be compatible with all current and future aircraft carriers, Combat Logistics Force (CLF), Military Sealift Command, and Amphibious Task Force ships to include fitting inside the hangars of all CLF ships without ship alteration. The helicopter will be capable of operating over all designated ship hover areas, both day and night, and be compatible for limited operation aboard both aviation and air capable ships proportionate with a fixed fore-to-aft wheel base of 29 feet.

**a. MH-60S Multi-Mission Helicopter**

**(1) Avionics Systems.** The MH-60S avionics system will represent a modern integration of avionics sensors and subsystems with a central Communications System Controller and a dual-redundant MIL-STD-1553B multiplex data bus. The MH-60S will incorporate the Navy H-60 Automatic Flight Control Computer which provides fully coupled approaches, hover, departure, and precise navigation capabilities along with night-time over-

water hover capabilities. The MH-60S Helicopter will use the latest Advanced Flight Control Computer currently being procured through a Navy-led Engineering Change Proposal.

**(2) Communications.** The communications system will consist of dual Ultra-High Frequency/Very High Frequency radio transmitter-receivers capable of plain and secure transmission, Identification Friend or Foe, and the provisions for Satellite Communications with Demand Assigned Multiple Access capability.

**(3) Navigation.** The MH-60S navigation equipment will consist of the Global Positioning System, Multi-functional Displays, Inertial Navigation System, Downed Aviators Locating System, and Ground Proximity Warning System. The navigation hardware will consist of two Attitude Heading Reference Systems, two Air Data Transducers, two Flight Data Displays, two Mission Data Displays, Tactical Air Navigation, Direction Finding Antenna, and Radar Altimeters.

**(4) Night Vision Devices.** The MH-60S will share a Common Cockpit Display System with the SH-60R. It will be compatible with Night Vision Devices (NVD) fitted with a color filtering system and will include an NVD Head-Up Display. Exterior aircraft lighting, including position lights and electro-luminescent formation lights, will be NVD-compatible. The searchlight will be suitable for both non-NVD and NVD flight operations.

**(5) Survivability.** The MH-60S will have ballistically tolerant fuel systems and dynamic components, an engine infrared suppressor system, and wire strike protection to enhance crew survivability.

**(6) Airframe.** The airframe will consist of a cockpit (that will be common with the SH-60R Helicopter), cabin, main rotor, transition section, tail cone, fixed landing gear, controllable stabilator, tail pylon, and external cargo hook. The airframe will be designed to stringent flight maneuvering, landing, and crash requirements. Doors will be provided on both sides of the cockpit for normal entrance and exit of the pilot and co-pilot. A jettisonable window in each door will provide an emergency exit. Dual sliding cabin doors will provide normal access for personnel and cargo to the cabin area. In addition, left hand and right hand gunners' windows will be included.

**(7) Internal Cargo.** The MH-60S will have an internal cargo roller and guide system for handling and securing 40 inch by 48 inch palletized internal cargo.

**(8) Power Plant System.** The power plant installation will consist of two Marinized T700-GE-401C front-drive, turboshaft engines built of modular construction. Each demountable power package will provide the drive power for main and tail rotor operation and aircraft accessories. The standard engine exhaust ducts will be replaced by a helicopter infrared suppressor system.

**(9) Auxiliary Power Unit System.** The Auxiliary Power Unit (APU) will consist of either a T-62T-40-1 or GTCP-36-150 turboshaft engine that provides pneumatic power

for starting the main engines and operating the Environmental Control System (ECS) on the ground.

**(10) Drive System.** The drive system will consist of a main, intermediate, and tail gearbox with interconnecting shafts. A rotor brake will be provided for stopping and holding the main rotor and locking the rotor system for automatic blade fold operation.

**(11) Main and Tail Rotor System.** The main rotor will consist of four fully articulated titanium and fiberglass composite blades. The tail rotor will consist of a four-bladed bearingless crossbeam rotor. The main rotor blades and tail pylon will be capable of being folded for storage.

**(12) Electrical System.** Two independent drive generators will power the electrical system. A third APU-driven generator will provide emergency electrical power and power for ground maintenance and preflight checks.

**(13) Hydraulic System.** Three separate and independent hydraulic power sources, operating into dual isolated distribution systems, will provide redundant power for primary flight controls and mission equipment.

**(14) Environmental Control System.** The ECS, which consists of an air-cycle control unit and the necessary controls and valves, will provide environmental control for selected sections of the aircraft.

**(15) Rescue Hoist System.** A hydraulically powered rescue hoist system will be installed and will be capable of raising and lowering a 600-pound load.

**(16) Anti-Ice Systems.** Separate windshield, rotor blade, engine, and engine inlet anti-ice systems will be installed to keep ice from forming on critical surfaces of the aircraft.

**(17) Fire Detection and Extinguishing Systems.** A fire detection and fire extinguishing system will be installed for each engine and the APU.

## **b. Combat Search and Rescue/Special Warfare Support**

**(1) Forward Looking Infrared.** The Forward Looking Infrared (FLIR) on the MH-60S CSAR/SWS version will maintain commonality with the FLIR currently in use on other Navy H-60 helicopters and possess a laser range designator with automatic tracking and bore-sight capability.

**(2) Weapons.** The CSAR/SWS version of the MH-60S will have a forward firing weapon system (e.g., gun or rocket system) and a precision guided air-to-ground missile system. The CSAR/SWS Helicopter will also be equipped with crew-operated side suppression weapons.

**(3) Survivability.** In addition to the enhanced crew survivability described previously, the CSAR/SWS Helicopter will have provisions for a laser detection system, a plume detection system, a radar warning receiver, an infrared jamming system, and chaff and flare dispensers.

**c. Organic Airborne Mine Countermeasures Suite.** The OAMCM suite will be comprised of several palletized systems and bolt-on components. A palletized Common Console (CC) and a Carriage, Stream, Tow, and Recovery System (CSTRS) are being procured by Program Manager, Air (PMA299). Five additional OAMCM mission systems are being procured by Program Manager, Sea (PMS210). The MH-60S Helicopter, using the OAMCM suite currently under development, will be capable of conducting organic and dedicated AMCM operations. PMS210 is currently developing NTSPs for each of their OAMCM mission systems.

**(1) Common Console.** The CC will perform signal processing and display functions while controlling and powering the OAMCM systems.

**(2) Tactical Common Data Link.** The Tactical Common Data Link will provide the software interface between the OAMCM suite, aircraft, and ships.

**(3) Carriage, Stream, Tow, and Recovery System.** The CSTRS will be a palletized system for the deployment and recovery of towed and non-towed OAMCM systems.

**(4) Airborne Laser Mine Detection System.** The Airborne Laser Mine Detection System (ALMDS) will use Laser Induced Differential Absorption Radar technology to detect, localize, and classify near-surface moored and floating sea mines. The ALMDS will provide self-protection, mine avoidance, and precursory reconnaissance in the combat escort role. It will be deployed from the MH-60S Helicopter and will be a non-towed system.

**(5) Organic Airborne and Surface Influence Sweep.** The Organic Airborne and Surface Influence Sweep (OASIS) will provide an organic, high-speed, shallow water, magnetic and acoustic influence minesweeping capability to be deployed from the MH-60S Helicopter or selected surface craft in support of the Carrier Battle Group and ARG. The OASIS will be a towed system.

**(6) Airborne Mine Neutralization System.** The Airborne Mine Neutralization System (AMNS) will be deployed from the MH-60S Helicopter to explosively neutralize unburied bottom and moored sea mines that are impractical or unsafe to counter using existing minesweeping techniques. The AMNS operator will use the vehicle sonar to re-acquire the target and video for situational information, then guide the expendable to the optimal position for firing a self-contained shaped charge for mine neutralization. The AMNS will be a non-towed system.

**(7) AN/AQS-20/X Sonar Mine Detecting Set.** The AN/AQS-20/X program will select between a sonar and an existing Electro-Optic Identification Device and integrate it into the AN/AQS-20 Sonar Mine Detecting Set baseline system. The AN/AQS-20/X

system will be capable of detection, identification, localization, and classification of bottom, close-tethered, and volume mines. The AN/AQS-20/X will be a towed system.

**(8) Rapid Airborne Mine Clearance System.** The Rapid Airborne Mine Clearance System (RAMICS) will consist of an integrated targeting fire control gun system with super-cavitating projectile technologies. The system will have a reacquisition and prosecution capability against near-surface moored mines. The RAMICS will be a non-towed system.

**2. Physical Description.** The MH-60S Helicopter will be a hybrid H-60, using an Army UH-60 Blackhawk utility airframe in combination with Navy SH/HH-60 Seahawk transmissions and dynamic components. The MH-60S will incorporate new design items that are not in use by either the UH-60 or SH/HH-60 airframe lines. The MH-60S will adapt the SH/HH-60 tail pylon to the UH-60 tail cone with an MH-60S-unique canted bulkhead at the tail cone and tail pylon interface. This bulkhead will “marry” the two components by providing a Naval H-60 interface on its aft face to accommodate the Naval H-60’s fold hinges and quick disconnect mechanism, and a UH-60 interface on its forward face to accommodate the UH-60’s tail landing gear and tail cone interface. The UH-60’s tail cone flight controls will be rerouted to accommodate the Naval H-60 rapid fold tail pylon. The following are the principal MH-60S Helicopter dimensions.

Dimensions:

Fuselage .....	50 feet 3/4 inches length
	8 feet 10 inches width
Operational.....	64 feet 10 inches length
	17 feet 0 inches height
Folded .....	40 feet 11 inches length
	13 feet 3 inches height
Main Rotor .....	53 feet 8 inches diameter (four blades)
Tail Rotor .....	11 feet 0 inches diameter (four blades)

Weights:

Empty .....	14,204 pounds
Maximum Gross .....	23,500 pounds
Internal Payload.....	5,500 pounds
External Payload.....	7,500 pounds

**3. New Development Introduction.** The MH-60S Helicopter will be introduced into the fleet as a new production aircraft.

**4. Significant Interfaces.** Not Applicable (NA)

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

**a. MH-60S and SH-60R Commonality.** The MH-60S cockpit and the communication and navigation equipment package will be common with the SH-60R Helicopter. The two platforms will share existing support infrastructure (e.g., technical publications, support

equipment, training pipelines, training devices, spares) to the maximum extent possible to avoid further requirements for support infrastructure.

**b. Interactive Electronic Technical Manuals.** Interactive Electronic Technical Manuals (IETM) will provide users with maintenance information for troubleshooting, fault isolation, and repair. At this time, a Class III IETM is utilized and required. IETMs will provide technical manuals that offer equivalent or better functionality than paper in a medium easier to manage at the fleet user level. In addition, IETMs will reduce publication, training, production, and distribution costs.

**c. Portable Electronic Display Device.** The Portable Electronic Display Device (PEDD) is required to present the IETMs maintenance task information to the user at the work site (the aircraft) and in the schoolhouse when electronic classrooms are not available.

## **H. CONCEPTS**

**1. Operational Concept.** The MH-60S Helicopter will be operated by a standard crew of four, composed of one Pilot, one Co-Pilot, and two enlisted aircrew. The technical skills and knowledge of the aircrew personnel will vary with the type of mission. The aircraft will operate in a variety of mission areas consistent with the operational uses stated in paragraph I.D.1 of this NTSP, and as outlined in the applicable Required Operational Capabilities (ROC) and Projected Operating Environment (POE) documents.

A new NEC 8205 has been established for personnel who perform the in-flight duties of CH-60S Multi-Mission Helicopter (MMH) Aircrewman. (This will be changed to MH-60S in future updates to the NEC Manual, NAVPERS 18068F.) These duties will include SAR, VERTREP, VOD, and NVD operations. The source ratings for 8205 will include: Aviation Machinist's Mate (AD), Aviation Structural Mechanic (AM), AE, AT, and Aviation Ordnanceman (AO).

**2. Maintenance Concept.** The maintenance concept for the MH-60S will be based on the three levels of maintenance as described in the Naval Aviation Maintenance Program (NAMP), OPNAVINST 4790.2 (series): organizational, intermediate, and depot. An organizational-to-depot, organizational-to-original equipment manufacturer maintenance concept, and streamlined Aircraft Intermediate Maintenance Department (AIMD) for fault verification may be implemented for selected MH-60S equipment. The contractor will perform a Level of Repair Analysis on select new Shop Replaceable Assemblies (SRA) to determine where each should be repaired.

The H-60 In-Service Support Team (ISST) at the Naval Aviation Depot (NAVAVNDEPOT) Cherry Point is leading an effort to change the current H-60 helicopter maintenance concept which separates the three levels with different facilities and sites. This new concept is the H-60 Integrated Maintenance Concept (IMC), a Reliability Centered Maintenance (RCM)-based approach to maintaining aircraft. This effort will repackage all H-60 maintenance

tasks to combine organizational, intermediate, and depot level maintenance efforts to be performed at the home port between deployments.

Depot artisans would be permanently assigned to H-60 homeports and over a specified period of time, would perform Standard Depot Level Maintenance (SDLM)-like tasks on the aircraft, but with much more frequency than the standard eight-to-11-year SDLM cycle. Organizational level would still have at-sea requirements, but the bulk of inspections and preventive maintenance tasks would be performed in port between deployments by integrated organizational, intermediate, and depot level teams.

**a. Organizational.** Organizational level maintenance functions will consist of those maintenance actions normally performed by an operating activity in support of its day-to-day operations. Most organizational level maintenance will be performed by H-60 Systems Organizational Maintenance Technicians from the aircraft maintenance ratings with the NECs 8378 (journeyman-level) and 8878 (entry-level). New NECs specifically for MH-60S organizational level AT and AE personnel have been established: 8389 (journeyman-level) and 8808 (entry-level).

**(1) Preventive Maintenance.** Preventive Maintenance will consist of scheduled inspections and servicing requirements as prescribed by the applicable Maintenance Requirements Cards. The frequency and duration of preventive maintenance actions will be similar to the existing SH/HH-60 Helicopter's 150-hour A, B, C, and D series phased inspections, as well as the daily, turnaround, conditional, and special inspection requirements. The MH-60S maintenance program will incorporate and maintain an RCM program.

**(2) Corrective Maintenance.** Corrective Maintenance will consist of fault isolation to a defective Weapon Replaceable Assembly (WRA) or SRA, removal and replacement of defective WRAs or SRAs, and verification of the repair using Built-In Test, the appropriate test sets, or Common Support Equipment (CSE). WRAs and SRAs requiring repair beyond the capability of the organizational level will be forwarded to the appropriate AIMD. The MH-60S will have the capability to support an Integrated Mechanical Diagnostics System.

**b. Intermediate.** Intermediate level maintenance will be performed on those WRAs and SRAs beyond the organizational maintenance level capability. Intermediate level maintenance will consist of fault isolating defective WRAs and SRAs by using CSE and Peculiar Support Equipment (PSE), replacing faulty SRAs and components, and verifying corrective action via the appropriate CSE and PSE. Intermediate level maintenance capability will be provided at aircraft carrier-based AIMDs, as well as the wing shored-based AIMDs at NAS North Island, California; NAS Norfolk, Virginia; either NAS Jacksonville or NS Mayport, Florida; Naval Air Facility (NAF) Atsugi, Japan; and NAS Sigonella, Sicily.

Limited, intermediate level repair capability is planned for the amphibious assault ships supporting the deployed HC squadrons' SAR detachments. While avionics WRA and SRA repair capability is anticipated to be negligible, some Consolidated Automated Support System (CASS) Test Program Sets are planned along with possible pre-existing support for several

common avionics components. Additionally, Aviation Life Support System equipment, tire and wheel, hydraulic, battery, and composite repair facilities and capabilities are anticipated to be used in support of MH-60S operations. Navy T700-401C engine first degree repair effort currently being performed by Marine Aviation Logistics Squadron-36 at Marine Corps Air Station Futenma, Okinawa, Japan, will transition to the AIMD at NAF Atsugi in FY02.

**c. Depot.** Depot level maintenance will consist of major overhaul of the aircraft or the rebuilding, manufacture, and modification of parts, assemblies, and subassemblies beyond the capabilities of the AIMD. Depot level maintenance of the MH-60S will be performed at Corpus Christi Army Depot, Corpus Christi, Texas. The ISST for the MH-60S will be located at NAVAVNDEPOT Cherry Point, North Carolina. The depot level maintenance concept for the MH-60S is planned to be the IMC program. The MH-60S Navy Support Date is October 2004.

**d. Interim Maintenance.** Repair and maintenance of the MH-60S weapon system and support equipment during the interim support phase will be a joint contractor and Navy responsibility. The Navy will repair all material for which organic support exists and both Sikorsky Aircraft Corporation and Lockheed Martin Federal Systems will provide field support as necessary.

Contractor Engineering and Technical Services (CETS) will be employed during the interim support phase. This is particularly important at NAS Norfolk and Andersen Air Force Base, Guam, where transition to the MH-60S represents the introduction of the H-60 platform into these geographic areas.

**e. Life Cycle Maintenance Plan.** The MH-60S Life Cycle Maintenance Plan is still under development. When available, it will be included in future updates to this document.

**3. Manning Concept.** Qualitative and quantitative manpower requirements for the MH-60S Helicopter will be driven by the total preventive and corrective maintenance workload, and the ROC and POE requirements for each type squadron. The number of positions that will require manning are dictated by the deployment workload demanding 24 hours of organizational level servicing during cyclic flight operations. The basic watch conditions will consist of two sections, each responsible for a twelve-hour period. Squadron missions vary, using either all squadron aircraft assets or separate aircraft detachment deployments, as stated in the appropriate ROC and POE.

Three new NECs have been established to support the MH-60S Helicopter. Enlisted aircrew will be awarded the NEC 8205, and organizational maintenance AT and AE personnel will be awarded NECs 8389 (journeyman-level) and 8808 (entry-level).

Operator and maintainer manpower for the MH-60S will come from existing HC, HCS, and HS squadron manpower. HM squadron manpower requirements have not yet been determined. Currently, AIR 3.4.1 is in the process of developing a Manpower Estimate Report which will analyze the HM squadron requirements employing the MH-60S, then estimate the

manpower needed for the mission and helicopter support. When available, this data will be included in future updates to this NTSP.

The manpower depicted in Part II of this NTSP is derived from current Activity Manpower Documents (AMD) and Preliminary Squadron Manpower Documents (PSQMD) developed for each HC squadron transitioning to the MH-60S in the next five years. Other PSQMDs have been developed but were not included because the squadrons are planned to transition to the MH-60S after the five-year window addressed in this NTSP. As their transition dates move closer, these squadrons' manpower requirements will be included in future updates to this NTSP.

**4. Training Concept.** The MH-60S Helicopter training program will consist of initial, transition, and follow-on training for operation and maintenance personnel. The contractor will provide initial operator and maintainer training for Navy Test and Evaluation personnel in support of DT and OT. The contractor will also develop and conduct initial training for Fleet Readiness Squadron (FRS) instructors, Naval Air Maintenance Training Unit (NAMTRAU) and Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) instructors, and Naval Air Technical Data and Engineering Service Command (NATEC) instructors.

Five HC squadrons will be the first to transition to the MH-60S from H-46D Helicopters. In addition, HC-85 will transition from the UH-3H Helicopter in FY04. Each squadron will receive transition training concurrent with the MH-60S Helicopter delivery. Transition training will be provided to Pilots, aircrewmen, and maintenance technicians already qualified in another type helicopter. HC-3 at NAS North Island, California, will conduct transition Pilot and aircrew training. Transition maintenance training will be conducted at Maintenance Training Unit (MTU) 1022 NAMTRAU North Island, and by Transition Maintenance Training Teams at NAS Norfolk, Virginia.

MH-60S follow-on training will be provided through new courses and existing H-60 courses that will be modified to include MH-60S data. Follow-on training will be conducted at two locations, MTU 1022 NAMTRAU North Island and an MTU To Be Determined (TBD) NAMTRAU Norfolk. As other squadrons transition and the student throughput dictates, either MTU 1066 NAMTRAGRU DET Mayport, Florida, or MTU 1005 NAMTRAU Jacksonville, Florida, will provide MH-60S maintenance training. (A specific date has not been determined.)

When training requirements are identified for another MH-60S mission, specifically the OAMCM mission, these will be included in future updates to this NTSP.

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, 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. Intermediate level “C” Schools are not separated into *Initial* and *Career* courses.

**a. Initial Training**

**(1) Developmental Test, Operational Test, and Cadre Personnel**

**Initial Training.** To support DT, Sikorsky Aircraft Corporation and Lockheed Martin Systems Integration (LMSI) were contracted to develop and conduct one session of initial MH-60S differences training for test and evaluation personnel. This training began in December 1999, six weeks prior to the first DT flight test, and was held at the contractor’s facilities.

In support of OT, Sikorsky, along with LMSI, will develop and conduct one session of initial MH-60S differences training at NAWCAD Patuxent River for test and evaluation personnel. This second block of training began in June 2001.

Sikorsky and LMSI will also develop and conduct two sessions of initial MH-60S differences training at NAS North Island for a cadre of FRS, NAMTRAU, NAMTRAGRU DET, and Transition Maintenance Training Team contracted instructors. This third block of initial training is scheduled concurrent with FRS aircraft introduction. The contractors will provide this training and all required materials.

<b>Title .....</b>	<b>MH-60S Pilot Initial Differences Training</b>
Description .....	This course provides training in the skills and techniques required for performance as a MH-60S Pilot qualified in model. This course will consist of separate ground and flight phases.
Locations .....	° DT: Contractor facilities ° OT: NAWCAD Patuxent River ° Cadre: NAS North Island
Length .....	24 days
RFT dates .....	° DT: December 1999 ° OT: June 2001 ° Cadre: August 2001
TTE/TD .....	MH-60S Aircraft
Prerequisite .....	Pilot qualified in the H-60 Helicopter

**Title .....** **MH-60S MMH Aircrewman Initial Differences Training**

Description ..... This course provides training in the skills and techniques required to perform as a MH-60S Aircrewman qualified in model. This course will consist of separate ground and flight phases.

Location ..... Cadre: NAS North Island

Length ..... 24 days

RFT date ..... Cadre: August 2001

TTE/TD ..... MH-60S Aircraft

Prerequisite ..... Aircrewman qualified in the H-60 Helicopter

**Note:** For DT and OT, the MH-60S Multi-Mission Helicopter Aircrewman attend the MH-60S Pilot Initial Differences Training Course.

**Title .....** **MH-60S Power Plants and Related Systems Initial Differences Training**

Description ..... This course provides AD personnel with the skills and knowledge required to perform maintenance in an MH-60S squadron.

Locations ..... ° DT: Contractor facilities  
° OT: NAWCAD Patuxent River  
° Cadre: NAS North Island

Length ..... 5 days

RFT dates ..... ° DT: December 1999  
° OT: July 2001  
° Cadre: January 2002

TTE/TD ..... MH-60S Aircraft

Prerequisite ..... AD 8378

**Title .....** **MH-60S Airframes/Hydraulics and Related Systems Initial Differences Training**

Description ..... This course provides AM personnel with the skills and knowledge required to perform maintenance in an MH-60S squadron.

Locations ..... ° DT: Contractor facilities  
 ° OT: NAWCAD Patuxent River  
 ° Cadre: NAS North Island

Length ..... 5 days

RFT dates ..... ° DT: December 1999  
 ° OT: July 2001  
 ° Cadre: January 2002

TTE/TD ..... MH-60S Aircraft

Prerequisite ..... AM 8378

**Title ..... MH-60S Electrical/Instruments Systems Initial Differences Training**

Description ..... This course provides AE personnel with the skills and knowledge required to perform maintenance in an MH-60S squadron.

Locations ..... ° DT: Contractor facilities  
 ° OT: NAWCAD Patuxent River  
 ° Cadre: NAS North Island

Length ..... 10 days

RFT dates ..... ° DT: December 1999  
 ° OT: July 2001  
 ° Cadre: January 2002

TTE/TD ..... MH-60S Aircraft

Prerequisite ..... AE 8378

**Title ..... MH-60S Automatic Flight Control Systems Initial Differences Training**

Description ..... This course provides AE personnel with the skills and knowledge required to perform maintenance in an MH-60S squadron.

Locations ..... ° DT: Contractor facilities  
 ° OT: NAWCAD Patuxent River  
 ° Cadre: NAS North Island

Length ..... 5 days

RFT dates ..... ° DT: December 1999  
 ° OT: July 2001  
 ° Cadre: January 2002

TTE/TD ..... MH-60S Aircraft

Prerequisite ..... AE 8378

**Title ..... MH-60S Electronics Systems Initial Differences Training**

Description ..... This course provides AT personnel with the skills and knowledge required to perform maintenance in an MH-60S squadron.

Locations ..... ° DT: Contractor facilities  
 ° OT: NAWCAD Patuxent River  
 ° Cadre: NAS North Island

Length ..... 20 days

RFT dates ..... ° DT: December 1999  
 ° OT: July 2001  
 ° Cadre: January 2002

TTE/TD ..... MH-60S Aircraft

Prerequisite ..... AT 8376 or 8378

**Title ..... MH-60S Non-Designated Airman/Plane Captain Initial Differences Training**

Description ..... This course provides Non-Designated Airmen and Plane Captains with the skills and knowledge required to be qualified as a Plane Captain in an MH-60S squadron.

Location ..... Cadre: NAS North Island

Length ..... 5 days

RFT date ..... Cadre: January 2002

TTE/TD ..... MH-60S Aircraft

Prerequisite ..... None

**(2) Fleet Personnel Initial Training.** In second quarter FY02, Transition Maintenance Training Teams at NAS Norfolk will begin providing maintenance training on MH-

60S differences. Transition Maintenance Training will consist of training for AD, AM, AE, and Plane Captain personnel. CETS Instructors will conduct this training from FY02 through FY03 until NAMTRAGRU Headquarters can establish MH-60S training at NAMTRAU Norfolk.

**Title ..... MH-60S Power Plants and Related Systems Transition Training**

Description ..... This course provides AD personnel with the skills and knowledge required to perform maintenance in an MH-60S squadron.

Location ..... NAS Norfolk

Length ..... TBD

RFT date ..... Second quarter FY02 through FY03

TTE/TD ..... TBD

Prerequisite ..... AD 8378

**Title ..... MH-60S Airframes/Hydraulics and Related Systems Transition Training**

Description ..... This course provides AM personnel with the skills and knowledge required to perform maintenance in an MH-60S squadron.

Location ..... NAS Norfolk

Length ..... TBD

RFT date ..... Second quarter FY02 through FY03

TTE/TD ..... TBD

Prerequisite ..... AM 8378

**Title ..... MH-60S Electrical/Instruments Systems Transition Training**

Description ..... This course provides AE personnel with the skills and knowledge required to perform maintenance in an MH-60S squadron.

Location ..... NAS Norfolk

Length ..... TBD

RFT date ..... Second quarter FY02 through FY03

TTE/TD ..... TBD  
 Prerequisite ..... AE 8378

**Title ..... MH-60S Non-Designated Airman/Plane Captain  
 Transition Training**  
 Description ..... This course provides Non-Designated Airmen/Plane  
 Captains with the skills and knowledge required to be  
 qualified as a Plane Captain in an MH-60S squadron.  
 Location ..... NAS Norfolk  
 Length ..... TBD  
 RFT date ..... Second quarter FY02 through FY03  
 TTE/TD ..... TBD  
 Prerequisite ..... None

**b. Follow-on Training.** Follow-on training will be conducted by HC-3 for Pilots and enlisted aircrew personnel beginning in second quarter FY02 with the transitioning squadrons. Also in second quarter FY02, MTU 1022 and NATEC will begin conducting maintenance training (along with the contracted Transition Maintenance Training Teams addressed in Initial Training above). In FY03, an MTU at NAMTRAU Norfolk will be Ready For Training (RFT) and replace the Transition Maintenance Training Teams. Eventually, MH-60S follow-on maintenance training will be provided by MTU 1022 North Island, MTU (TBD) Norfolk, and either MTU 1066 Mayport or MTU 1005 Jacksonville.

With the exception of the AE and AT ratings, all other enlisted maintenance ratings will be trained with existing SH-60B, SH-60F, and HH-60H aircraft courses modified to incorporate MH-60S differences. For the AT and AE ratings, new Initial and Career MH-60S courses will be developed for electronic and electrical systems. During FY02 and FY03, all AT personnel will attend MH-60S Electronic Systems training at North Island. This training will be conducted by NATEC personnel until MTU 1022 establishes the training track and is RFT. MTU 1022 will be able to provide MH-60S electrical systems training to transitioning AE personnel in second quarter FY02.

AO training courses will not require modifications to include the CSAR/SWS version of the MH-60S since this training already addresses the same or similar weapons installed on the HH-60H. (HC squadrons do not require AO 8378 personnel; therefore AO training is not included in Parts II and III of this NTSP at this time.)

MTU 1022 began the transition to Computer Based Training (CBT) in second quarter FY98 and completed in late FY00. Therefore, H-60 maintenance training is expected to

be in CBT and Computer Aided Instruction (CAI) format prior to the MH-60S curriculum being introduced. The Naval Air Systems Command (NAVAIRSYSCOM) Program Office for Aviation Training Systems, PMA205, will develop a separate MH-60S Differences CBT that will be incorporated into the existing H-60 CBT. This MH-60S Differences CBT will be compatible with the legacy H-60 CBT.

The following are existing training tracks that will be modified to include the MH-60S Helicopter:

<b>Title .....</b>	<b>H-60 Non-Designated Airman/Plane Captain</b>
CIN .....	D/E-600-0811
Model Manager...	NAMTRAU North Island
Description.....	This course provides training to the Non-Designated Airman, including: <ul style="list-style-type: none"> <li>° Publications, NAMP, Plane Captain Maintenance Control Functions, General Safety Procedures, and Aircraft Familiarization</li> <li>° Airframe, Hydraulics, and Related Systems</li> <li>° Powerplants, Main and Tail Rotor, and Related Systems</li> <li>° Electrical, Instrument, and Lighting Systems</li> <li>° Mission Avionics and Armament Systems</li> <li>° General Plane Captain Duties and Responsibilities</li> <li>° Aircraft Servicing and Inspections</li> </ul> <p>Upon completion of this course, the student will be able to perform limited organizational maintenance on H-60 Aircraft under direct supervision.</p>
Locations .....	° MTU 1022 NAMTRAU North Island ° MTU TBD NAMTRAU Norfolk
Length.....	23 days
RFT date .....	Currently available. Second quarter FY02 for MH-60S.
Skill identifier .....	None
TTE/TD .....	TTE for MH-60S is TBD. IETM PEDD laptop hardware required.
Prerequisite .....	A-950-0076, Airman Apprentice Training Core Course

**Title .....** **H-60 Power Plants and Related Systems (Career)  
Organizational Maintenance**

CIN .....

Model Manager... NAMTRAGRU DET Mayport

Description..... This course provides training to the second tour Aviation Machinist's Mate, including:

- H-60 Publications and Inspection Limits
- H-60 Powerplants System
- Fuel System Troubleshooting
- Precision Measurement and Vibration Analysis Troubleshooting

Upon completion of this course, the student will have sufficient knowledge and skills of the H-60 powerplants and related systems equipment, including operation, testing, maintenance, troubleshooting and repair procedures, to perform organizational maintenance in a squadron environment both ashore and afloat under limited supervision.

Locations ..... ◦ MTU 1022 NAMTRAU North Island  
◦ MTU TBD NAMTRAU Norfolk

Length..... 16 days

RFT date ..... Currently available. Second quarter FY02 for MH-60S.

Skill identifier ..... AD 8378 (E-5 through E-7)

TTE/TD ..... ◦ TTE for MH-60S is TBD.  
◦ IETM PEDD laptop hardware required  
◦ Starboard Engine, Main Rotor Blade, and H-60 Composite Maintenance Trainers

Prerequisite ..... D/E-602-0810, H-60 Power Plants and Related Systems Initial Organizational Maintenance

**Title .....** **H-60 Power Plants and Related Systems (Initial Organizational Maintenance)**

CIN .....

Model Manager... NAMTRAU Jacksonville

Description..... This course provides training to the first tour Aviation Machinist's Mate, including:

- H-60 Introduction
- H-60 Powerplant Systems
- H-60 Main/Tail Rotor Systems
- Power Train Systems
- APU and Related Systems
- Fuel Systems
- H-60 Vibration Analysis Test Set (VATS)

Upon completion of this course, the student will have sufficient knowledge and skills of the H-60 Powerplants and Related Systems Equipment, including operation, testing, maintenance, troubleshooting and repair procedures to perform organizational maintenance in a squadron environment both ashore and afloat under direct supervision.

Locations ..... ◦ MTU 1022 NAMTRAU North Island  
◦ MTU TBD NAMTRAU Norfolk

Length..... 37 days

RFT date ..... Currently available. Second quarter FY02 for MH-60S.

Skill identifier ..... AD 8878 (E-1 through E-4)

TTE/TD ..... ◦ TTE for MH-60S is TBD.  
◦ IETM PEDD laptop hardware required  
◦ Starboard Engine, Main Rotor Blade, and Composite Maintenance Trainers

Prerequisites..... ◦ C-601-2011, Aviation Machinist's Mate Common Core Class A1  
◦ C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

**Title .....** **H-60 Airframes and Hydraulics Systems (Career)  
Organizational Maintenance**

**CIN .....** D/E-602-0882

**Model Manager...** NAMTRAU Jacksonville

**Description.....** This course provides training to the second tour Aviation Structural Mechanic, including:

- H-60 Publications
- Precision Measurement/Main Landing Gear/Stabilator
- Permaswage Repair
- Torque Shafts and Flight Control Rigging
- Vibration Analysis

Upon completion of this course, the student will have advanced knowledge and skills of the H-60 airframes and related systems equipment, including testing, maintenance, troubleshooting and repair procedures to perform organizational maintenance in a squadron environment or in a deployed detachment under limited supervision.

**Locations .....** ◦ MTU 1022 NAMTRAU North Island  
◦ MTU TBD NAMTRAU Norfolk

**Length.....** 15 days

**RFT date .....** Currently available. Second quarter FY02 for MH-60S.

**Skill identifier .....** AM 8378 (E-5 through E-7)

**TTE/TD .....** ◦ TTE for MH-60S is TBD.  
◦ IETM PEDD laptop hardware required  
◦ Landing Gear, Main Rotor Blade, and Composite Maintenance Trainers

**Prerequisite .....** D/E-602-0883, H-60 Airframes and Hydraulic Systems Initial Organizational Maintenance

**Title..... H-60 Airframes and Hydraulic Systems (Initial)  
Organizational Maintenance**

CIN..... D/E-602-0883

Model Manager... NAMTRAU Jacksonville

Description..... This course provides training to the first tour Aviation Structural Mechanic, including:

- H-60 Helicopter Familiarization
- Main and Tail Landing Gear, Tail Bumper, and Recovery Assist Secure, and Traverse (RAST) System
- Hydraulic Power and Utility Hydraulic Systems
- Main and Tail Rotor Blades, Inspection Method, Main Rotor and Rotor Brake System
- Rotary Wing Aerodynamics, Flight Control, Stabilator, and Flight Control Rigging

Upon completion of this course, the student will have sufficient knowledge and skill of the H-60 airframes and related systems equipment, including operation, testing, maintenance, troubleshooting and repair procedures to perform organizational level maintenance in a squadron working environment or in a deployed detachment under direct supervision.

Locations ..... ◦ MTU 1022 NAMTRAU North Island  
◦ MTU TBD NAMTRAU Norfolk

Length..... 36 days

RFT date ..... Currently available. Second quarter FY02 for MH-60S.

Skill identifier ..... AM 8878 (E-1 through E-4)

TTE/TD ..... ◦ TTE for MH-60S is TBD.  
◦ IETM PEDD laptop hardware required  
◦ Landing Gear, Main Rotor Blade, RAST/Tail Wheel/Hoist, and Composite Maintenance Trainers

Prerequisites..... ◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1  
◦ C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Intermediate Level Strand Class A1

<b>Title .....</b>	<b>H-60 Armament and Related Systems Organizational Maintenance</b>
CIN .....	D/E-646-0840
Model Manager...	NAMTRAU Jacksonville
Description.....	This course provides training to the Aviation Ordnanceman, including: <ul style="list-style-type: none"> <li>° H-60 Helicopter Familiarization</li> <li>° H-60 Armament System</li> <li>° H-60 Armament Related Systems</li> <li>° Machine Gun Systems</li> </ul> <p>Upon completion of this course, the student will have sufficient knowledge and skills of H-60 Armament and Related Systems, including operation, testing, maintenance, troubleshooting and repair procedures to perform organizational maintenance in a squadron working environment both ashore and afloat under limited supervision.</p>
Locations .....	° MTU 1022 NAMTRAU North Island ° MTU 1005 NAMTRAU Jacksonville
Length.....	36 days
RFT date .....	Currently available
Skill identifier .....	AO 8378 (E-3 through E-7)
TTE/TD .....	Refer to the SH-60F NTSP.
Prerequisites.....	° C-646-2011, Aviation Ordnanceman Class A1 ° C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

All training pipeline and track titles depicted below are either recently approved or proposed. The newly established Pilot and aircrew training pipelines will be renamed to reflect the nomenclature change to MH-60S. Refer to paragraph I.H.4.d of this NTSP for additional information on proposed pipelines and training tracks and changes to newly established pipelines.

**Title .....** **CH-60S Fleet Replacement Pilot Category I**

**CIN .....** E-2C-3101

**Model Manager...** HC-3

**Description.....** This course provides training to the Category I Fleet Replacement Pilot, including:

- Systems Tactical Mission Preparation and Procedures
- SAR
- Instrument and Navigation Systems
- Ground, Flight, and Water Landing Training
- VERTREP
- NVD Training
- Aircrew Coordination, Tactics, and Safety
- Naval Air Training and Operating Procedures Standardization (NATOPS) check

Upon completion, the student will be able to perform as a CH-60S Pilot in a squadron environment.

**Location .....** HC-3, NAS North Island

**Length.....** 142 days

**RFT date .....** Second quarter FY02

**Skill identifier .....** 1311

**TTE/TD .....** ◦ 2F119A, Weapon Systems Trainer (WST)  
◦ 2F143 Block 89A Upgrade, Tactical/Operational Flight Trainer (T/OFT)

**Prerequisites.....** ◦ B-322-0042, Refresher Aerospace Physiology Helicopter Training  
◦ P-7C-0039, Basic Officer Leadership Training Course  
◦ D/E-2D-0039 Survival Evasion Resistance Escape  
◦ B-9E-1226, Naval Aviation Water Survival Training R-3  
◦ Designated Naval Helicopter Pilot

**Title .....** **CH-60S Fleet Replacement Pilot Category II**  
**CIN .....** E-2C-3102  
**Model Manager...** HC-3  
**Description.....** This course provides the transitioning Category II H-46 Fleet Replacement Pilot the skills and techniques required for performance as a qualified CH-60S Pilot, including:

- Systems Tactical Mission Preparation and Procedures
- SAR
- Instrument and Navigation Systems
- Ground, Flight and Water Landing Training
- VERTREP
- Aircrew Coordination, Tactics, and Safety
- NATOPS Check

Upon completion, the student will be able to perform as a CH-60S Pilot in a squadron environment.

**Location .....** HC-3, NAS North Island  
**Length.....** 127 days  
**RFT date .....** Second quarter FY02  
**Skill identifier .....** 1311  
**TTE/TD .....** ◦ 2F119A, WST  
◦ 2F143 Block 89A Upgrade, T/OFT  
**Prerequisites.....** ◦ B-322-0042, Refresher Aerospace Physiology Helicopter Training  
◦ B-9E-1226, Naval Aviation Water Survival Training R-3  
◦ E-2C-2411, H-46 Fleet Replacement Pilot Cat I

**Title .....** **CH-60S Fleet Replacement Pilot Category III**  
**CIN .....** E-2C-3103  
**Model Manager...** HC-3  
**Description.....** This course provides the transitioning Category III H-46 Fleet Replacement Pilot the skills and techniques required for performance as a qualified CH-60S Pilot, including:

- Systems Tactical Mission Preparation and Procedures
- SAR
- Instrument and Navigation Systems
- Ground, Flight, and Water Landing Training
- VERTREP
- NVD Training
- Aircrew Coordination, Tactics, and Safety
- NATOPS Check

Upon completion, the student will be able to perform as a CH-60S Pilot in a squadron environment.

**Location .....** HC-3, NAS North Island  
**Length.....** 119 days  
**RFT date .....** TBD  
**Skill identifier .....** 1311  
**TTE/TD .....** ◦ 2F119A, WST  
◦ 2F143 Block 89A Upgrade, T/OFT  
**Prerequisites.....** ◦ B-9E-1226, Naval Aviation Water Survival Training R-3  
◦ B-322-0042, Refresher Aerospace Physiology Helicopter Training  
◦ Designated CH-46 Pilot

**Title .....** **CH-60S Fleet Replacement Pilot Instructor Under Training**

CIN .....

Model Manager... HC-3

Description..... This course provides the CH-60S Aircraft Commander the skills and techniques required for performance as an Instructor Pilot, including:

- Flight and Ground Training
- Systems Tactical Mission Preparation and Procedures
- Systems Familiarization, Instructor Techniques, and Principles
- Aircrew Coordination, Tactics, and Safety
- NATOPS

Upon completion, the student will be able to perform as a CH-60S Instructor Pilot in an FRS environment.

Location .....

Length..... 52 days (estimated)

RFT date ..... First quarter FY02

Skill identifier ..... 1312

TTE/TD .....

- 2F119A, WST
- 2F143 Block 89A Upgrade, T/OFT

Prerequisites.....

- Designated Service Group II Naval Aviator
- Designated Fleet Helicopter Pilot qualified in model

**Title .....** **CH-60S Fleet Replacement Aircrewman Category I**  
**CIN .....** E-050-3101  
**Model Manager...** HC-3  
**Description.....** This course will provide ground and flight training to the CH-60S Category I MMH Aircrewman with no previous CH-60S Helicopter experience.  
     ° Systems and Missions  
     ° Familiarization  
     ° SAR  
     ° VERTREP  
     ° NVD Operations  
     ° External Cargo and Rescue Hoist Operation  
     ° Doppler System  
     ° NATOPS Evaluation  
     Upon completion, the student will be able to perform as a CH-60S Aircrewman in a squadron environment.  
**Location .....** HC-3, NAS North Island  
**Length.....** 82 days  
**RFT date .....** Second quarter FY02  
**Skill identifier .....** 8205 (various aircraft maintenance ratings)  
**TTE/TD .....** TTE for MH-60S is TBD  
**Prerequisites.....** ° Q-050-1500, Naval Aircrew Candidate School  
                           ° Q-050-0600, Aviation Rescue Swimmer School

**Title .....** **CH-60S Fleet Replacement Aircrewman Category II**  
**CIN .....** E-050-3102  
**Model Manager...** HC-3  
**Description.....** This course provides the transitioning Category II H-46 Aircrewman the skills and techniques required for performance as a qualified CH-60S Aircrewman, including:  
     ° Systems and Missions  
     ° Familiarization  
     ° SAR  
     ° VERTREP  
     ° NVD Operations  
     ° External Cargo and Rescue Hoist Operation  
     ° Doppler System  
     ° NATOPS Evaluation  
     Upon completion, the student will be designated as a MMH Aircrewman and be able to perform the CH-60S Fleet Operational Mission.

**Location .....** HC-3, NAS North Island  
**Length.....** 73 days  
**RFT date .....** Second quarter FY02  
**Skill identifier .....** 8205  
**TTE/TD .....** TTE for MH-60S is TBD.  
**Prerequisites.....** ° B-322-0042, Refresher Aerospace Physiology Helicopter Training  
     ° B-9E-1226, Naval Aviation Water Survival Training R-3  
     ° NEC 8216

**Title..... CH-60S Fleet Replacement Aircrewman Category III**

CIN ..... E-050-3103

Model Manager... HC-3

Description..... This course provides the transitioning Category III H-46 Aircrewman the skills and techniques required for performance as a qualified CH-60S Aircrewman, including:

- Systems and Missions
- Familiarization
- SAR
- VERTREP
- NVD Operations
- External Cargo and Rescue Hoist Operation
- Doppler System
- NATOPS Evaluation

Upon completion, the student will be designated as a MMH Aircrewman and be able to perform the CH-60S Fleet Operational Mission.

Location ..... HC-3, NAS North Island

Length..... 68 days

RFT date ..... TBD

Skill identifier ..... 8205

TTE/TD ..... TTE for MH-60S is TBD.

Prerequisites..... ◦ B-322-0042, Refresher Aerospace Physiology Helicopter Training  
◦ B-9E-1226, Naval Aviation Water Survival Training R-3  
◦ NEC 8216

<b>Title .....</b>	<b>CH-60S Fleet Replacement Aircrewman Instructor Under Training</b>
CIN .....	E-050-3104
Model Manager...	HC-3
Description.....	<p>This course provides the CH-60S Aircrewman Instructor the skills and techniques required for performance as an Aircrew Instructor, including:</p> <ul style="list-style-type: none"> <li>° Ground and Flight Training</li> <li>° System Familiarization</li> <li>° Instructional Techniques</li> <li>° Aircrew Coordination, Tactics, and Safety</li> <li>° NATOPS Evaluation</li> </ul> <p>Upon completion, the student will be able to perform as a CH-60S Aircrew Instructor in an FRS environment.</p>
Location .....	HC-3, NAS North Island
Length.....	TBD
RFT date .....	TBD
Skill identifier .....	8205/9502
TTE/TD .....	TTE for MH-60S is TBD.
Prerequisite .....	Designated Naval Aircrewman, previously qualified in H-60 helicopters

**Title .....** **MH-60S Electronic Systems (Initial) Organizational Maintenance**

**CIN .....** D/E-102-XXX1

**Model Manager...** NAMTRAU North Island

**Description.....** This course provides training to the first tour Aviation Electronics Technician, including:

- Publications, General Safety Procedures, and Aircraft Familiarization
- Operation, Testing, Troubleshooting, and Maintenance Procedures for:
  - Tactical Data Management Systems
  - Communication Systems
  - Navigation Systems
  - Mission Sensor Systems
  - Electronic Protection Systems
  - FLIR/Hellfire Systems
  - FLIR/LASER Range-finder Designator System

Upon completion of this course, the student will have sufficient knowledge and skills, including theory of operation, organizational maintenance practices, and troubleshooting procedures of the MH-60S Helicopter electronic systems to perform organizational maintenance in a squadron environment under close supervision.

**Locations .....** ◦ MTU 1022 NAMTRAU North Island  
 ◦ MTU TBD NAMTRAU Norfolk

**Length.....** 57 days (estimated)

**RFT dates.....** ◦ MTU 1022: Second quarter FY02  
 ◦ MTU TBD: FY03

**Skill identifier .....** 8808

**TTE/TD .....** ◦ TTE for MH-60S is TBD.  
 ◦ IETM PEDD laptop hardware required.  
 ◦ A new Common Cockpit Avionics Maintenance Trainer (AMT) will be required.

**Prerequisites.....** ◦ C-100-2020, Avionics Common Core Class A1  
 ◦ C-100-2018, Avionics Technician O Level Class A1

**Title .....** **MH-60S Electronic Systems (Career) Organizational Maintenance**

**CIN .....** D/E-102-XXX2

**Model Manager...** NAMTRAU North Island

**Description.....** This course provides training to the second tour Aviation Electronic Technician, including:

- SH-60F/HH-60H Integrated Weapons System Avionics Suite and Power Distribution
- Integrated Weapons System Operation, Interface, Testing, and Troubleshooting
- Advanced Theory, Testing, Troubleshooting, and Maintenance Procedures

Upon completion of this course, the student will have sufficient knowledge and skills, including theory of operation, organizational maintenance practices, and troubleshooting procedures of the MH-60S Helicopter electronic systems to perform organizational maintenance in a squadron environment under limited supervision.

**Locations .....** ◦ MTU 1022 NAMTRAU North Island  
◦ MTU TBD NAMTRAU Norfolk

**Length.....** 19 days (estimated)

**RFT dates.....** ◦ MTU 1022: Second quarter FY02  
◦ MTU TBD: FY03

**Skill identifier .....** 8389

**TTE/TD .....** ◦ TTE for MH-60S is TBD.  
◦ IETM PEDD laptop hardware required.  
◦ A new Common Cockpit AMT will be required.

**Prerequisite .....** D/E-102-XXX1, MH-60S Electronics Systems Initial Organizational Maintenance

<b>Title .....</b>	<b>MH-60S Electrical Systems (Initial) Organizational Maintenance</b>
CIN .....	D/E-602-XXX1
Model Manager...	TBD
Description.....	<p>This course provides training to the first tour Aviation Electrician's Mate, including:</p> <ul style="list-style-type: none"> <li>◦ Aircraft Familiarization, Publications, NAMP, Maintenance Data System, and General Safety Procedures</li> <li>◦ Airframe, Hydraulics, and Related Systems</li> <li>◦ Powerplants and Related Systems</li> <li>◦ Electrical, Instrument, and Related Systems</li> <li>◦ Mission Avionics and Armament Systems</li> <li>◦ Plane Captain Responsibilities, Flight Line Operations, Flight Deck Safety, and Ground Handling Procedures</li> <li>◦ Aircraft Inspections and Servicing</li> </ul> <p>Upon completion of this course, the student will have sufficient knowledge and skills, including operation, testing, troubleshooting, and repair procedures, to perform organizational maintenance on the MH-60S Helicopter in a squadron environment under direct supervision.</p>
Locations .....	<ul style="list-style-type: none"> <li>◦ MTU 1022 NAMTRAU North Island</li> <li>◦ MTU TBD NAMTRAU Norfolk</li> </ul>
Length.....	86 days (estimated)
RFT dates.....	<ul style="list-style-type: none"> <li>◦ MTU 1022: Second quarter FY02</li> <li>◦ MTU TBD: FY03</li> </ul>
Skill identifier .....	8808
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ TTE for MH-60S is TBD.</li> <li>◦ IETM PEDD laptop hardware required.</li> <li>◦ Automatic Flight Control Systems (AFCS), Landing Gear, RAST/Tail Wheel/Hoist, Starboard Engine, and Composite Trainers</li> <li>◦ A new Common Cockpit AMT will be required.</li> </ul>
Prerequisites.....	<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>MH-60S Electrical Systems (Career) Organizational Maintenance</b>
CIN .....	D/E-602-XXX2
Model Manager...	TBD
Description.....	<p>This course provides training to the second tour Aviation Electrician's Mate, including:</p> <ul style="list-style-type: none"> <li>◦ Fuel Systems</li> <li>◦ Advanced Theory and Troubleshooting of the Blade Fold System</li> <li>◦ Engine System Troubleshooting</li> <li>◦ Flight Control Systems Theory and Troubleshooting</li> </ul> <p>Upon completion of this course, the student will have advanced knowledge and skills in the theory of operation and in the testing and troubleshooting of the MH-60S aircraft to perform organizational maintenance in a squadron environment under limited supervision.</p>
Locations .....	<ul style="list-style-type: none"> <li>◦ MTU 1022 NAMTRAU North Island</li> <li>◦ MTU TBD NAMTRAU Norfolk</li> </ul>
Length.....	17 days (estimated)
RFT dates.....	<ul style="list-style-type: none"> <li>◦ MTU 1022: Second quarter FY02</li> <li>◦ MTU TBD: FY03</li> </ul>
Skill identifier .....	8389
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ TTE for MH-60S is TBD.</li> <li>◦ IETM PEDD laptop hardware required.</li> <li>◦ AFCS, Landing Gear, RAST/Tail Wheel/Hoist, Starboard Engine, and Composite Trainers</li> <li>◦ A new Common Cockpit AMT will be required.</li> </ul>
Prerequisite .....	D/E-602-0855, H-60 Electrical/Instruments and Automatic Flight Systems Initial Organizational Level Maintenance

**c. Selected Reserve Training.** Selected Reserve personnel may earn maintenance qualifications for NECs through On-the-Job Training (OJT) or by attending formal training at NAMTRAUs and NAMTRAGRU DETs, providing quotas, funding, and students are available to attend the training. Specific guidelines are contained in NAVPERS 18068F Volume II, Chapter IV, Navy Enlisted Classifications.

**d. Student Profiles**

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
1311/1312	<ul style="list-style-type: none"> <li>° Q-2A-0001, Primary Flight Training</li> <li>° Q-2A-0010, Joint T-34C/T-6A Intermediate Flight Training</li> <li>° Q-2A-0015, Undergraduate Helicopter Pilot Training</li> <li>° E-2D-0032, Survival, Evasion, Resistance, and Escape Training</li> <li>° J-495-0413, Shipboard Aircraft Firefighting</li> </ul>
8205	<ul style="list-style-type: none"> <li>° Q-050-1500, Naval Aircrewman Candidate School</li> <li>° Q-050-0600, Aviation Rescue Swimmer School</li> <li>° E-2D-0032, Survival, Evasion, Resistance, and Escape Training</li> </ul>
AD 8878	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>
AD 8378	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> <li>° D/E-602-0810, H-60 Power Plants and Related Systems Initial Organizational Maintenance</li> </ul>
AE 8808	<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>
AE 8389	<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>° D/E-602-XXX1, MH-60S Electrical Systems Initial Organizational Maintenance</li> </ul>
AM 8878	<ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1</li> </ul>
AM 8378	<ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1</li> <li>° D/E-602-0883, H-60 Airframes and Hydraulic Systems Initial Organizational Maintenance</li> </ul>
AT 8808	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> </ul>

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AT 8389	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> <li>° D/E-102-XXX1, MH-60S Electronics Systems Initial Organizational Maintenance</li> </ul>
AO 8378	<ul style="list-style-type: none"> <li>° C-646-2011, Aviation Ordnanceman Common Core Class A1</li> <li>° C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>
AN	<ul style="list-style-type: none"> <li>° A-950-0076, Airman Apprentice Training Core Course</li> </ul>

**e. Training Pipelines.** The following newly established pipelines and proposed maintenance training tracks are required to support the MH-60S. The Pilot and aircrew pipelines require a title change to reflect the recent nomenclature change from CH-60S to MH-60S. Four new training tracks are proposed for AE and AT initial and career training, specifically for the MH-60S.

**(1) E-2C-3101, CH-60S Fleet Replacement Pilot Category I.** Change title to MH-60S Fleet Replacement Pilot Category I. No other modifications required.

**(2) E-2C-3102, CH-60S Fleet Replacement Pilot Category II.** Change title to MH-60S Fleet Replacement Pilot Category II. No other modifications required.

**(3) E-2C-3103, CH-60S Fleet Replacement Pilot Category III.** Change title to MH-60S Fleet Replacement Pilot Category III. No other modifications required.

**(4) E-2C-3104, CH-60S Fleet Replacement Pilot Instructor Under Training.** Change title to MH-60S Fleet Replacement Pilot Instructor Under Training. No other modifications required.

**(5) E-050-3101, CH-60S Fleet Replacement Aircrewman Category I.** Change title to MH-60S Fleet Replacement Aircrewman Category I. No other modifications required.

**(6) E-050-3102, CH-60S Fleet Replacement Aircrewman Category II.** Change title to MH-60S Fleet Replacement Aircrewman Category II. No other modifications required.

**(7) E-050-3103, CH-60S Fleet Replacement Aircrewman Category III.** Change title to MH-60S Fleet Replacement Aircrewman Category III. No other modifications required.

**(8) E-050-3104, CH-60S Fleet Replacement Aircrewman Instructor Under Training.** Change title to MH-60S Fleet Replacement Aircrewman Instructor Under Training. No other modifications required.

**(9) D/E-602-XXX1, MH-60S Electrical Systems Initial Organizational Maintenance.** Establish new training track for MH-60S Electrical Systems Initial Organizational Maintenance for AE 8808 personnel, track length 86 days (estimated).

**(10) D/E-602-XXX2, MH-60S Electrical Systems Career Organizational Maintenance.** Establish new training track for MH-60S Electrical Systems Career Organizational Maintenance for AE 8389 personnel, track length 17 days (estimated).

**(11) D/E-102-XXX3, MH-60S Electronic Systems Initial Organizational Maintenance.** Establish new training track for MH-60S Electronic Systems Initial Organizational Maintenance for AT 8808 personnel, track length 57 days (estimated).

**(12) D/E-102-XXX4, MH-60S Electronic Systems Career Organizational Maintenance.** Establish new training track for MH-60S Electronic Systems Career Organizational Maintenance for AT 8389 personnel, track length 19 days (estimated).

## **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.** The Aviation Maintenance Training Continuum System (AMTCS) will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS 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 Chief of Naval Operation's (CNO) mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction (IMI) for the technicians in the fleet in the form of Interactive Courseware (ICW) with Computer Managed Instruction (CMI) and CAI for the schoolhouse.

Included in the AMTCS development effort is the AMTCS - 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., fleet training devices such as laptop computers, desktop computers, Electronic Classrooms, Learning Resource Centers, operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N789H), AMTCS concepts will be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing Maintenance Training Improvement Program and Maintenance Training Management and Evaluation Program (MATMEP) programs.

The AMTCS Project Plan states that MTU 1022 and MTU 1066 began the transition to CBT in second quarter FY98 and completed in late FY00. Therefore, H-60 maintenance training is expected to be in CBT and CAI format prior to the MH-60S curriculum being introduced. The Naval Aviation Training Systems Program Office, PMA205, will develop a separate MH-60S Differences CBT that will be incorporated into the existing H-60 CBT. This MH-60S Differences CBT will be compatible with the legacy H-60 CBT and be used in the AMTCS environment.

**2. Personnel Qualification Standards.** Currently, the reserve HCS squadrons use Personnel Qualification Standards (PQS) to train and qualify Pilots and enlisted aircrewmen in the HH-60H Helicopter. Commander, Naval Reserve Force will develop specific PQS for the MH-60S.

**3. Other Onboard or In-Service Training Packages.** AD and AM personnel who were previously trained and awarded NECs 8378 or 8878 for the SH/HH-60 Helicopters will retain these NECs for the MH-60S Helicopter. These personnel will acquire sufficient knowledge and skills of the MH-60S systems through the OJT process and will be supplemented by contractor engineering and technical services as required.

**J. LOGISTICS SUPPORT**

**1. Manufacturer and Contract Numbers**

<b>CONTRACT NUMBER</b>	<b>MANUFACTURER</b>	<b>ADDRESS</b>
DAAJ09-97-C-005	Sikorsky Aircraft Corporation	6900 Main Street P.O. Box 9727 Stratford, CT 06497-9129
N00019-98-C-0012	Lockheed Martin Naval Electronics and Surveillance Systems	9500 Godwin Drive Manassas, VA 20101

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00019-00-G-0231	Lockheed Martin Systems Integration	1801 State Road 17C Owego, NY 13827

**2. Program Documentation.** The Draft MH-60S Acquisition Logistics Support Plan has been distributed and applies to all phases of the MH-60S life cycle beginning with the initial demonstration and ending with phase out of the MH-60S Helicopter. It serves as the primary plan and guide for the management of the Acquisition Logistics Support Program. It will be used by the Program Manager, Air (PMA299) in monitoring and controlling the progress of logistics while achieving assigned task objectives, schedules, and responsibilities.

**3. Technical Data Plan.** The MH-60S technical publications will be produced, distributed, and supported in an IETM format, including software and hardware support. The MH-60S technical publications will support the airframe, avionics, engine, and support equipment, and will be developed with close coordination between NATEC, applicable NAVAIRSYSCOM Field Activities, contractor personnel, and the H-60R/S Fleet Introduction Team.

**4. Test Sets, Tools, and Test Equipment.** Since the MH-60S is a derivative of other existing H-60 systems, most of the support equipment required is available in the Government inventory. Newly designed MH-60S avionics systems will be fielded with a combination of organic intermediate level support compatible with CASS, an organizational-to-depot, or organizational-to-original equipment manufacturer maintenance concept; and/or a streamlined AIMD for fault verification may be implemented for select MH-60S equipment. All test requirements will be with CASS, unless significant economic and readiness benefits result from use of a unique test set.

**5. Repair Parts.** Naval Inventory Control Point (NAVICP) files have been updated to reflect MH-60S applicability to the H-60 common parts. A Parts Difference List will be developed using the HH-60H and MH-60S Engineering Gross Requirements List (GRL) and applicable NAVICP tapes. A comparison of the HH-60H and MH-60S GRLs will result in a list of items that are peculiar to the HH-60H only. The contractor will extract these items from the NAVICP tape to produce a list of items common to the MH-60S for delivering to NAVICP. Support for the Common Cockpit will be provided by the original equipment manufacturer. As a result of the change in support concept, organizational level spare requirements will increase. The proposed range of spares will remain unchanged; however, the depth will increase because of increased turnaround time resulting from the time required to ship retrograde non-ready for issue assets back to the Continental United States contractor, then repair the items and return

them to the fleet. The Material Support Date for the MH-60S is October 2003 with the exception of the Common Cockpit, which will be October 2005.

**6. Human Systems Integration.** N/A

**K. SCHEDULES**

**1. Delivery Schedule.** A total of 236 MH-60S Helicopters will be delivered to the Navy between FY00 and FY13. The earliest versions are being used for DT and OT. HC squadrons will be the first to transition to the MH-60S from H-46D and UH-3H Helicopters. Other transitions will include additional HC squadrons (employing UH-3H and MH-53E Helicopters), HM squadrons, HCS squadrons, an HSL squadron, a VC squadron, and NAS-based helicopters. The following table depicts the number of helicopters to be delivered between FY01 and FY05.

**DELIVERY SCHEDULE (NUMBER OF AIRCRAFT)**

<b>ACTIVITY</b>	<b>FY01</b>	<b>FY02</b>	<b>FY03</b>	<b>FY04</b>	<b>FY05</b>
HC-3	5	5			2
Fleet HC (West Coast)		7	10	10	7
Fleet HC (East Coast)		4	9	6	4

**2. Ready For Operational Use Schedule.** The MH-60S will be ready for operational use upon acceptance by the operating activity.

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

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

**5. Training Device and Technical Training Equipment Delivery Schedule.** The MH-60S training system will include both operator and maintainer Training Devices (TD). All MH-60S TDs will be common with the current training suites to the greatest extent and will provide a growth path to the SH-60R. The AFCS/Composite trainers will require modifications to support the AE training track. All training devices will use a common H-60 weapon system architecture and will comply with DoD directives for networking, as applicable, in their design. Refer to element IV.A.2 of this NTSP for detailed information on TDs and Technical Training Equipment.

**a. Operator Training Devices**

**(1) Weapon System Trainer.** There are currently eight H-60 WSTs. Four of these are SH-60F TDs and four are SH-60B TDs. These TDs are composed of a front cockpit Operational Flight Trainer (OFT) and a rear cabin Sensor Operator/Acoustic Trainer. When these TDs are linked for tactical operations, they are designated WSTs. Under the current H-60R/S Master Training Plan, these TDs will be modified to SH-60R WSTs and will have a Common MH-60S/SH-60R Cockpit in the OFT that may be used for MH-60S aircrew training.

**(2) Tactical/Operational Flight Trainer.** Operator training will use a T/OFT. This TD will integrate full aircraft system functionality of the Pilot station, provide a flight fidelity visual system, and provide simulation of the full range of aircraft missions.

There are currently two H-60 T/OFTs under construction. Both of these are SH-60B TDs. Under the current MH-60S (and SH-60R) training concept, both of these TDs will be modified to MH-60S/SH-60R T/OFTs. In addition, two more of these TDs will be purchased, for a total of four (a fifth T/OFT at NAF Atsugi is TBD). These TDs will be non-motion based flight simulators that support Pilot and Co-Pilot tactics, navigation, equipment malfunction, communications, aircrew coordination, and emergency procedures training as applicable. The visual systems will include a high fidelity day-night image generator, databases, and NVD compatibility. The T/OFT will improve aviation safety by allowing the aircrew to practice emergency procedures and refine their aircrew coordination skills.

The following table displays the location of the WSTs and T/OFTs and their estimated RFT dates.

<b>ACTIVITY</b>	<b>WST</b>	<b>T/OFT</b>	<b>RFT DATE</b>	<b>COMMENTS</b>
NAS North Island		X	FY02	New Manufacture
NAS North Island	X		FY04	SH-60B Conversion
NAS Norfolk		X	FY03	New Manufacture
NS Mayport		X	FY04	SH-60B Conversion
NAS North Island	X		FY05	SH-60B Conversion
Anderson Air Force Base, Guam		X	FY07	New Manufacture
NAS Jacksonville	X		FY06	SH-60F Conversion
NS Mayport	X		FY05	SH-60B Conversion
NAF Atsugi		X	FY07	New Manufacture
NAS North Island	X		FY06	SH-60F Conversion
Marine Corps Base Hawaii		X	FY06	New Manufacture
NAS North Island		X	FY07	SH-60B Conversion
NAS Jacksonville	X		FY09	SH-60F Conversion
NS Mayport	X		FY08	SH-60B Conversion
NAS North Island	X		FY09	SH-60F Conversion

**b. Maintenance Training Devices.** There are numerous maintenance TDs associated with the existing SH-60B, SH-60F, and HH-60H training systems that will be used to support the MH-60S training. The following table displays these devices and locations.

DEVICE	LOCATION			COMMENTS
	MTU TBD Norfolk	MTU 1022 North Is.	MTU 10XX Florida	
H-60 Composite Maintenance Trainer	X	X	X	AE modification required
H-60 Landing Gear Trainer	X	X	X	No modification required
H-60 RAST/Tail Wheel/Hoist Trainer	X	X	X	No modification required
H-60 Main Rotor Blade Service Trainer	X	X	X	No modification required
H-60 Starboard Engine Trainer	X	X	X	No modification required
H-60 AFCS Trainer	X	X	X	AE modification required
MMH Common Cockpit AMT Trainer	X	X	X	New manufacture

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

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

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
Acquisition Logistics Support Plan (ALSP) CH-60S Vertical Replenishment Helicopter	NA	PMA299	Revision Dec 00
Airborne Mine Neutralization Program	N75-NTSP-P-30-0101/D	PMS210	Draft Jan 01

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
AN/USM-636(V) Consolidated Automated Support System (CASS)	N88-NTSP-A-50-8515C/D	PMA260	Draft Dec 00
Aviation Maintenance Training Continuum System (AMTCS)	N88-NTSP-A-50-9907/D	PMA205	Draft May 01
CH-53D and CH-53E Aircraft	N88-NTSP-A-50-7604G/A	PMA261	Approved Mar 01
CH-60 Fleet Combat Support Helicopter	N88-NTSP-A-50-0048/I	PMA299	Initial May 98
Light Airborne Multi-Purpose System (LAMPS) MK-III	N88-NTSP-A-50-7702D/A	PMA299	Approved Nov 94
Ground Proximity Warning System	N88-NTSP-A-50-8815B/A	PMA209	Approved Sep 98
H-46 Helicopter	N88-NTSP-A-50-9409A/P	PMA226	Proposed Feb 01
H-60 Armed Helicopter Program	N88-NTSP-A-50-9805/D	PMA299	Draft April 01
Manpower Estimate Report for the USN CH-60S Fleet Combat Support Helicopter	NA	PMA299	Approved Apr 98
Mark-105 Mod 4 Magnetic Minesweeping System	N85-NTSP-P-30-9902/D	PMS210	Draft Apr 99
MH-53E Helicopter	N88-NTSP-A-50-8417D/A	PMA261	Approved Feb 01
Operational Requirements Document for a Fleet Combat Support (HC) Helicopter	Serial Number 484-88-98	CNO (N81)	Approved Apr 98
SH-60F Carrier Inner-Zone ASW Helicopter	N88-NTSP-A-50-8508D/A	PMA299	Approved Aug 00

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
SH-60R Multi-Mission Helicopter Upgrade	N88-NTSP-A-50-9403/I	PMA299	Initial Jan 00

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

The following elements are not affected by the MH-60S Helicopter 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. BILLET REQUIREMENTS**

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

**SOURCE:** Total Force Manpower Management Structure  
**SOURCE:** Aircraft Program Data File

**DATE:** 4/1/01  
**DATE:** 3/9/01

ACTIVITY, UIC		PFYs	CFY01	FY02	FY03	FY04	FY05
OPERATIONAL ACTIVITIES - NAVY							
HC-6 Sea	0381A	1	0	0	0	0	0
HC-6 Shore	31242	1	0	0	0	0	0
HC-8 Sea	55219	1	0	0	0	0	0
HC-8 Shore	55218	1	0	0	0	0	0
HC-11 Sea	42300	1	0	0	0	0	0
HC-11 Shore	53920	1	0	0	0	0	0
HC-3 FRS	09822	1	0	0	0	0	0
HC-5 Sea	76083	1	0	0	0	0	0
HC-5 Shore	09823	1	0	0	0	0	0
HC-85 Reserves	09061	1	0	0	0	0	0
<b>TOTAL:</b>		10	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY							
Helicopter Antisubmarine Wing	52956	1	0	0	0	0	0
<b>TOTAL:</b>		1	0	0	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - NAVY					
<b>HC-6 Sea, 0381A</b>					
ACDU	56	0	1311		
	3	0	6330		
	3	0	7340		
	0	11	AD1	8379	
	0	8	AD2	8379	
	0	8	AD3	8879	
	0	8	ADAN	8879	
	0	1	AE1	8379	
	0	8	AE2	8379	
	0	8	AEAN	8879	
	0	8	AK2		
	0	11	AM1	8379	
	0	3	AM2	7225	8379
	0	8	AM2	8379	
	0	13	AM3	7225	8879
	0	6	AM3	8879	
	0	8	AMAN	8879	
	0	8	APOC		
	0	8	APO1	8216	8215
	0	20	APO2	8216	8215
	0	22	APO3	8216	8215
	0	6	APO3	8216	
	0	1	AT1	8379	
	0	8	AT2	8379	
	0	8	AT2	8389	
	0	6	AZ2		
	0	2	PR2		
	0	4	PR3		
	0	14	AN		
<b>HC-6 Sea, 0381A, FY02 Increment</b>					
ACDU	2	0	1302		
	0	11	AD1	8378	
	0	8	AD2	8378	
	0	8	AD3	8878	
	0	8	ADAN	8878	
	0	1	AE1	8389	
	0	8	AE2	8389	
	0	8	AEAN	8808	
	0	11	AM1	8378	
	0	3	AM2	7225	8378
	0	8	AM2	8378	
	0	5	AM3	7225	8878
	0	6	AM3	8878	

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	8	AMAN	8878	
	0	8	APO1	8205	
	0	22	APO2	8205	
	0	22	APO3	8205	
	0	7	APO3	8205	
	0	1	AT1	8389	
<b>ACTIVITY TOTAL:</b>	<b>64</b>	<b>369</b>			
<b>HC-6 Shore, 31242</b>					
ACDU	2	0	1312		
	2	0	1520		
	1	0	2102		
	0	1	AD1	8303	
	0	1	AM1	8303	
	0	1	APOCM	8300	
	0	2	APOCS		
	0	1	APOC	8216	8215
	0	1	APO1		
	0	1	APO1		9590
	0	1	APO1		9595
	0	6	APO2		
	0	1	AT1	8303	
	0	1	AZ1		
	0	1	AZ1	6315	
	0	3	AZ2		
	0	1	IT2	2780	
	0	1	IT3	2735	
	0	1	NC1		
	0	1	POCM		9580
	0	4	PO2		
	0	1	PO3		
	0	2	PR1		
	0	1	YNC		
	0	1	YN1		
	0	1	YN2		
	0	1	YN3		
0	3	YNSN			
0	20	AN			
<b>HC-6 Shore, 31242, FY02 Increment</b>					
ACDU	0	1	AT1	8389	
<b>ACTIVITY TOTAL:</b>	<b>5</b>	<b>60</b>			
<b>HC-8 Sea, 55219</b>					
ACDU	56	0	1311		
	3	0	6330		

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	3	0	7340		
	0	11	AD1	8379	
	0	8	AD2	8379	
	0	8	AD3	8879	
	0	8	ADAN	8879	
	0	1	AE1	8379	
	0	8	AE2	8379	
	0	8	AEAN	8879	
	0	8	AK2		
	0	11	AM1	8379	
	0	3	AM2	7225	8379
	0	8	AM2	8379	
	0	13	AM3	7225	8879
	0	6	AM3	8879	
	0	8	AMAN	8879	
	0	8	APOC		
	0	8	APO1	8216	8215
	0	20	APO2	8216	8215
	0	22	APO3	8216	8215
	0	6	APO3	8216	
	0	1	AT1	8379	
	0	8	AT2	8379	
	0	8	AT2	8389	
	0	6	AZ2		
	0	2	PR2		
	0	4	PR3		
	0	14	AN		
HC-8 Sea, 55219, FY03 Increment					
ACDU	0	11	AD1	8378	
	0	8	AD2	8378	
	0	8	AD3	8878	
	0	8	ADAN	8878	
	0	1	AE1	8389	
	0	8	AE2	8389	
	0	8	AEAN	8808	
	0	11	AM1	8378	
	0	3	AM2	7225	8378
	0	8	AM2	8378	
	0	5	AM3	7225	8878
	0	6	AM3	8878	
	0	8	AMAN	8878	
	0	8	APO1	8205	
	0	22	APO2	8205	
	0	22	APO3	8205	
	0	7	APO3	8205	
	0	1	AT1	8389	

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			
ACTIVITY TOTAL:	62	369			
HC-8 Shore, 55218					
ACDU	3	0	1312		
	2	0	1520		
	1	0	2102		
	0	1	AD1	8303	
	0	1	AKCS		
	0	1	AM1	8303	
	0	1	APOCM	8300	
	0	2	APOCS		
	0	1	APOC	8216	8215
	0	1	APOC	8379	9502
	0	1	APO1		
	0	1	APO1	8301	
	0	1	APO1	8378	9502
	0	1	APO1		9595
	0	7	APO2		
	0	1	APO2	8216	9502
	0	1	APO2	8303	9502
	0	1	APO2	8379	9502
	0	1	AT1	8303	
	0	1	AZ1		
	0	1	AZ1	6315	
	0	3	AZ2		
	0	1	DP3	2306	
	0	1	IT2	2780	
	0	1	IT3	2735	
	0	1	NC1		
	0	1	POCM		9580
	0	4	PO2		
	0	1	PO3		
	0	2	PR1		
	0	1	YNC		
	0	1	YN1		
	0	1	YN2		
	0	1	YN3		
	0	4	YNSN		
	0	20	AN		
HC-8 Shore, 55218, FY03 Increment					
ACDU	1	0	1312		
	0	1	APOC	8378	9502
	0	1	APO1	8205	9502
	0	2	APO2	8378	9502
	0	1	AN		

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			
ACTIVITY TOTAL:	7	73			
HC-11 Sea, 42300					
ACDU	72	0	1311		
	9	0	6330		
	0	9	AD1	8379	
	0	9	AD2	8379	
	0	9	AD3	8879	
	0	9	ADAN	8879	
	0	9	AE2	8379	
	0	9	AEAN	8879	
	0	9	AK2		
	0	2	AM1	7225	8379
	0	7	AM1	8379	
	0	3	AM2	7225	8379
	0	9	AM2	8379	
	0	4	AM3	7225	8879
	0	17	AM3	8879	
	0	9	AMAN	8879	
	0	9	APOC		
	0	9	APO1	8216	8215
	0	27	APO2	8216	8215
	0	27	APO3	8216	8215
	0	9	APO3	8216	
	0	9	AT2	8379	
	0	9	AZ2		
	0	9	PR2		
	0	18	AN		
HC-11 Sea, 42300, FY03 Increment					
ACDU	0	9	AD1	8378	
	0	9	AD2	8378	
	0	9	AD3	8878	
	0	9	ADAN	8878	
	0	9	AE2	8389	
	0	9	AEAN	8808	
	0	9	AM2	8378	
	0	9	AM3	8878	
	0	9	AMAN	8878	
	0	9	APOC	8205	8215
	0	18	APO1	8205	8215
	0	27	APO2	8205	8215
	0	9	APO3		
	0	18	APO3	8205	8215
	0	9	AT2	8389	
	0	9	ATAN	8808	

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			
<b>ACTIVITY TOTAL:</b>	81	420			
<b>HC-11 Shore, 53920</b>					
ACDU	2	0	1312		
	1	0	2102		
	1	0	7340		
	0	1	AD1	8379	
	0	1	AK1		
	0	4	AM1	8379	
	0	1	APOCM	8300	
	0	2	APOCS		
	0	1	APO1		
	0	1	APO1		9590
	0	1	APO1		9595
	0	5	APO2		
	0	1	AT1	8379	
	0	1	AZ1		
	0	1	AZ1	6315	
	0	3	AZ2		
	0	1	AZAN		
	0	1	IT2	2780	
	0	1	IT3	2735	
	0	1	NC1		
	0	1	POCM		9580
	0	4	PO2		
	0	3	PO3		
	0	1	PR1		
	0	1	YNC		
	0	1	YN1		
	0	2	YN2		
	0	1	YN3		
	0	4	YNSN		
	0	20	AN		
<b>HC-11 Shore, 53920, FY03 Increment</b>					
ACDU	2	0	1302		
	0	1	AD1	8378	
	0	1	AE1	8389	
	0	4	AM1	8378	
	0	1	APOCM		9580
	0	1	APO1	8301	
	0	1	AT1	8389	
	0	1	DP3		
<b>ACTIVITY TOTAL:</b>	6	75			
<b>HC-3 FRS, 09822</b>					
ACDU	1	0	1110		

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	50	0	1312		
	1	0	1520		
	1	0	2102		
	1	0	3100		
	1	0	6330		
	1	0	6410		
	1	0	7340		
	0	1	ABH2		9502
	0	2	ADC	8378	
	0	9	AD1	8378	
	0	9	AD2	8378	
	0	14	AD3	8878	
	0	19	ADAN	8878	
	0	1	AEC	8389	
	0	6	AE1	8389	
	0	7	AE2	8389	
	0	10	AE3	8808	
	0	12	AEAN	8808	
	0	1	AK1		
	0	1	AK2		
	0	2	AK3		
	0	2	AKAN		
	0	3	AMC	8378	
	0	9	AM1	8378	
	0	9	AM2	8378	
	0	14	AM3	8878	
	0	24	AMAN	8878	
	0	1	AO2		
	0	1	AO3		
	0	1	APOCM	8300	
	0	7	APOCS		
	0	1	APOCS	8205	8215
	0	2	APOCS	8215	
	0	1	APOCS	8215	9502
	0	5	APOC		
	0	1	APOC	8205	
	0	1	APOC	8205	8215
	0	1	APOC	8205	9502
	0	1	APOC	8215	
	0	2	APOC	8215	9502
	0	1	APOC	8216	
	0	2	APOC	8216	8215
	0	1	APOC	8216	9502
	0	8	APO1		
	0	1	APO1	8205	
	0	2	APO1	8205	8215
	0	4	APO1	8205	9502
	0	3	APO1	8215	9502

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	2	APO1	8216	8215
	0	1	APO1	8301	
	0	2	APO1	8378	9502
	0	1	APO1		9595
	0	7	APO2		
	0	3	APO2	8205	
	0	1	APO2	8205	8215
	0	10	APO2	8205	9502
	0	4	APO2	8215	9502
	0	3	APO2	8216	8215
	0	1	APO2	8378	9502
	0	1	APO2		9590
	0	4	APO3		
	0	4	APO3	8205	
	0	2	APO3	8216	8215
	0	2	APO3	8216	
	0	1	ATC	8389	
	0	4	AT1	8389	
	0	5	AT2	8389	
	0	6	AT3	8808	
	0	7	ATAN	8808	
	0	2	AWC	7815	
	0	1	AW1	7815	9502
	0	1	AZC		
	0	1	AZ1		
	0	1	AZ1	6315	
	0	4	AZ2		
	0	2	AZ3		
	0	3	AZAN		
	0	1	DM3		
	0	2	HMC	8401	
	0	1	HM2	8401	
	0	1	HM2	8401	9502
	0	2	IT2	2780	
	0	1	IT3		
	0	1	IT3	2735	
	0	1	NC1		
	0	1	POCM		9580
	0	1	POC	0170	
	0	1	PO1	0170	
0	5	PO2			
0	1	PO3			
0	2	PR1			
0	1	PR1		9502	
0	3	PR2			
0	2	PR3			
0	3	PRAN			
0	1	YNC			

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	2	YN1		
	0	4	YN2		
	0	3	YN3		
	0	5	YNSN		
	0	44	AN		
<b>ACTIVITY TOTAL:</b>	<b>57</b>	<b>377</b>			
<b>HC-5 Sea, 76083</b>					
ACDU	66	0	1311		
	9	0	7340		
	0	20	AD1	8379	
	0	12	AD2	8379	
	0	13	AD3	8879	
	0	16	ADAN	8879	
	0	12	AE2	8379	
	0	4	AE3	8879	
	0	11	AEAN	8879	
	0	1	AK1		
	0	9	AK2		
	0	3	AK3		
	0	11	AM1	8379	
	0	8	AM2	7225	8379
	0	13	AM2	8379	
	0	3	AM3	7225	8879
	0	12	AM3	8879	
	0	18	AMAN	8879	
	0	1	APOCS	8216	8215
	0	13	APOC		
	0	1	APO1		
	0	11	APO1	8216	8215
	0	10	APO2	8216	
	0	19	APO2	8216	8215
	0	1	APO3		
	0	11	APO3	8216	
	0	44	APO3	8216	8215
	0	2	AT1	8379	
	0	8	AT2	8379	
	0	2	AT3	8879	
	0	1	AZ1		
	0	9	AZ2		
	0	3	AZ3		
0	1	PR1			
0	9	PR2			
0	1	PR3			
0	3	PRAN			
0	24	AN			

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			
HC-5 Sea, 76083, FY02 Increment					
ACDU	0	16	AD1	8378	
	0	8	AD2	8378	
	0	8	AD3	8878	
	0	8	ADAN	8878	
	0	8	AE2	8389	
	0	8	AEAN	8808	
	0	8	AM1	8378	
	0	1	AM2	8378	
	0	1	AM3	8878	
	0	1	AMAN	8878	
	0	8	APOC	8205	8215
	0	16	APO1	8205	8215
	0	24	APO2	8205	8215
	0	8	APO3	8205	
	0	16	APO3	8205	8215
	0	8	AT2	8389	
	0	8	ATAN	8808	
<b>ACTIVITY TOTAL:</b>	<b>75</b>	<b>495</b>			
HC-5 Shore, 09823					
ACDU	2	0	1312		
	1	0	2102		
	1	0	6330		
	1	0	6380		
	0	1	AKC		
	0	1	AK1		
	0	1	AK3		
	0	1	AO2		
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	2	APOCS		
	0	1	APO1		
	0	1	APO1	8301	
	0	1	APO1		9595
	0	5	APO2		
	0	1	APO2		9590
	0	1	AZC		
	0	1	AZ1	6315	
	0	3	AZ2		
	0	1	AZAN		
	0	1	ET1	1647	
	0	1	HM2	8406	
	0	1	HM3	8406	
	0	1	IT2	2735	
	0	2	IT2	2780	
	0	1	LN2		

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	1	MS1		
	0	1	NC1		
	0	4	PO2		
	0	3	PO3		
	0	1	PR1		
	0	1	YNC		
	0	1	YN1		
	0	2	YN2		
	0	1	YN3		
	0	5	YNSN		
	0	28	AN		
0	1	SN			
<b>HC-5 Shore, 09823, FY02 Increment</b>					
ACDU	2	0	1302		
	2	0	1312		
	1	0	1520		
	1	0	7340		
	0	1	AK2		9590
	0	1	DP3	2306	
	0	1	PO1		
	0	1	YN3		
<b>ACTIVITY TOTAL:</b>					
	11	83			
<b>HC-85 Reserves, 09061</b>					
ACDU	1	0	6330		
TAR	8	0	1311		
	1	0	1520		
	0	2	AD1	8377	
	0	4	AD3		
	0	1	AD3	6419	
	0	4	ADAN		
	0	2	AE1	8377	
	0	3	AE2	8377	
	0	4	AE3		
	0	1	AE3	7144	
	0	1	AEAN		
	0	1	AK1		
	0	1	AK2		
	0	1	AK2		9590
	0	2	AM1	8377	
	0	1	AM1	8377	9595
	0	7	AM2	8377	
	0	5	AM3		
	0	1	AM3	7212	
	0	1	AM3	7232	

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			
TAR	0	5	AMAN		
	0	1	AO2		
	0	3	APOCS		
	0	7	APOC		
	0	2	APO1		
	0	4	APO1	8211	8215
	0	1	APO1		9595
	0	3	APO2		
	0	4	APO2	8211	8215
	0	1	APO3		
	0	4	APO3	8211	8215
	0	4	APO3	8211	
	0	2	AT1	8377	
	0	1	AT2	6611	6613
	0	3	AT2	8377	
	0	1	AT3		
	0	1	AT3	6606	
	0	1	ATAN		
	0	1	AZ1		
	0	1	AZ1	6315	
	0	2	AZ2		
	0	1	AZ3		
	0	1	IT3	2735	
	0	1	NC1		
	0	1	PN1		
	0	2	PN2		
	0	1	PN3		
	0	1	POCM		9580
	0	1	PO2		
	0	1	PR1		
	0	2	PR2		
	0	1	PR3		
	0	2	PRAN		
0	1	YNC			
0	1	YN3			
0	5	AN			
SELRES	24	0	1311		
	1	0	2102		
	0	3	AD1	8377	
	0	4	AD3		
	0	4	ADAN		
	0	1	ADAN	6419	
	0	3	AE1	8377	
	0	1	AE2	8377	
	0	1	AE3		
	0	4	AEAN		
	0	1	AKC		

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			
SELRES	0	2	AK3		
	0	1	AMCS	8377	
	0	1	AMC	8377	
	0	4	AM1	8377	
	0	1	AM2	8377	
	0	5	AM3		
	0	5	AMAN		
	0	1	APO1		
	0	4	APO2		
	0	8	APO2	8211	8215
	0	4	APO3	8211	8215
	0	4	APO3	8211	
	0	1	AT2	8377	
	0	3	AT3		
	0	3	AZ3		
	0	1	AZAN		
	0	2	DK2		
	0	1	PO3		
	0	1	YN2		
	0	1	YNSN		
0	27	AN			
HC-85 Reserves, 09061, FY04 Increment					
ACDU	0	1	AD1	8378	
TAR	4	0	6330		
	0	4	AD1	8378	
	0	3	AD2	8378	
	0	1	AD3	6426	
	0	3	AD3	8878	
	0	1	ADAN	6426	
	0	3	ADAN	8878	
	0	1	AE1	8389	
	0	3	AE2	8389	
	0	3	AEAN	8808	
	0	6	AM1	8378	
	0	1	AM1	8378	9595
	0	3	AM2	8378	
	0	3	AM3	8878	
	0	1	APOCM	8300	
	0	3	APOC	8205	8215
	0	6	APO1	8205	8215
	0	1	APO1	8301	
	0	9	APO2	8205	8215
	0	6	APO3	8205	8215
	0	1	AT1	8389	
	0	1	AT2	7144	
	0	3	AT2	8389	

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			
TAR	0	3	ATAN	8808	
<b>ACTIVITY TOTAL:</b>	<b>39</b>	<b>288</b>			
FLEET SUPPORT ACTIVITIES - NAVY					
<b>Helicopter Antisubmarine Wing, 52956</b>					
ACDU	1	0	1000		
	1	0	1302		
	3	0	1312		
	1	0	2302		
	1	0	3100		
	1	0	6330		
	1	0	6380		
	0	1	ADC	8378	8377
	0	1	ADC	8378	9502
	0	1	AEC		
	0	1	AE1	8389	9502
	0	1	AFCM	8300	
	0	1	AKC		
	0	1	AK1		
	0	1	AMCS		
	0	1	AM1	8378	9502
	0	1	AOC	8378	
	0	1	APOCM		9580
	0	1	ATCS		
	0	1	ATC	8389	9502
	0	1	AWCS	7876	7815
	0	1	AW1	7876	7815
	0	1	AW2		
	0	1	AZC		
	0	1	AZ1		
	0	1	AZ3		
	0	1	IT2	2750	2735
	0	1	NCC		
	0	1	PRC		
	0	1	YNC		
	0	1	YN2		
	0	1	YN3		
SELRES	1	0	1312		
	1	0	1630		
	1	0	3100		
	1	0	6330		
	1	0	6360		
	0	1	ADC	8377	
	0	1	AEC	8377	
	0	1	AK1		

**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			
SELRES	0	1	AK2		
	0	1	AMCS		
	0	1	AMC	8377	
	0	1	AO1		
	0	1	ATC		
	0	1	AWCS	7872	
	0	1	AWC		
	0	1	AW1		
	0	1	AW2		
	0	1	AZ1		
<b>ACTIVITY TOTAL:</b>	14	38			

The PSQMD for HC-85 does not differentiate the billets between TAR and SELRES. Therefore, all new billets are depicted as TAR until the squadron's AMD is updated for the MH-60S and shows the billet status.

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY OPERATIONAL ACTIVITIES - ACDU													
1110		1		0		0		0		0		0	
1302		0		0		4		2		0		0	
1311		250		0		0		0		0		0	
1312		59		0		2		1		0		0	
1520		5		0		1		0		0		0	
2102		5		0		0		0		0		0	
3100		1		0		0		0		0		0	
6330		18		0		0		0		0		0	
6380		1		0		0		0		0		0	
6410		1		0		0		0		0		0	
7340		17		0		1		0		0		0	
ABH2	9502		1		0		0		0		0		0
ADC	8378		2		0		0		0		0		0
AD1	8303		2		0		0		0		0		0
AD1	8378		9		0		27		21		1		0
AD1	8379		52		0		0		0		0		0
AD2	8378		9		0		16		17		0		0
AD2	8379		37		0		0		0		0		0
AD3	8878		14		0		16		17		0		0
AD3	8879		38		0		0		0		0		0
ADAN	8878		19		0		16		17		0		0
ADAN	8879		41		0		0		0		0		0
AEC	8389		1		0		0		0		0		0
AE1	8379		2		0		0		0		0		0
AE1	8389		6		0		1		2		0		0
AE2	8379		37		0		0		0		0		0
AE2	8389		7		0		16		17		0		0
AE3	8808		10		0		0		0		0		0
AE3	8879		4		0		0		0		0		0
AEAN	8808		12		0		16		17		0		0
AEAN	8879		36		0		0		0		0		0
AKCS			1		0		0		0		0		0
AKC			1		0		0		0		0		0
AK1			4		0		0		0		0		0
AK2			35		0		0		0		0		0
AK2	9590		0		0		1		0		0		0
AK3			6		0		0		0		0		0
AKAN			2		0		0		0		0		0
AMC	8378		3		0		0		0		0		0
AM1	7225 8379		2		0		0		0		0		0
AM1	8303		2		0		0		0		0		0
AM1	8378		9		0		19		15		0		0
AM1	8379		44		0		0		0		0		0
AM2	7225 8378		0		0		3		3		0		0
AM2	7225 8379		17		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
AM2	8378		9	0		9		17		0		0	
AM2	8379		38	0		0		0		0		0	
AM3	7225	8878	0	0		5		5		0		0	
AM3	7225	8879	33	0		0		0		0		0	
AM3	8878		14	0		7		15		0		0	
AM3	8879		41	0		0		0		0		0	
AMAN	8878		24	0		9		17		0		0	
AMAN	8879		43	0		0		0		0		0	
AO2			2	0		0		0		0		0	
AO3			1	0		0		0		0		0	
APOCM		9580	1	0		0		1		0		0	
APOCM	8300		5	0		0		0		0		0	
APOCS			15	0		0		0		0		0	
APOCS	8205	8215	1	0		0		0		0		0	
APOCS	8215		2	0		0		0		0		0	
APOCS	8215	9502	1	0		0		0		0		0	
APOCS	8216	8215	1	0		0		0		0		0	
APOC			43	0		0		0		0		0	
APOC	8205		1	0		0		0		0		0	
APOC	8205	8215	1	0		8		9		0		0	
APOC	8205	9502	1	0		0		0		0		0	
APOC	8215		1	0		0		0		0		0	
APOC	8215	9502	2	0		0		0		0		0	
APOC	8216		1	0		0		0		0		0	
APOC	8216	8215	4	0		0		0		0		0	
APOC	8216	9502	1	0		0		0		0		0	
APOC	8378	9502	0	0		0		1		0		0	
APOC	8379	9502	1	0		0		0		0		0	
APO1			13	0		0		0		0		0	
APO1		9590	2	0		0		0		0		0	
APO1		9595	5	0		0		0		0		0	
APO1	8205		1	0		8		8		0		0	
APO1	8205	8215	2	0		16		18		0		0	
APO1	8205	9502	4	0		0		1		0		0	
APO1	8215	9502	3	0		0		0		0		0	
APO1	8216	8215	38	0		0		0		0		0	
APO1	8301		3	0		0		1		0		0	
APO1	8378	9502	3	0		0		0		0		0	
APO2			30	0		0		0		0		0	
APO2		9590	2	0		0		0		0		0	
APO2	8205		3	0		22		22		0		0	
APO2	8205	8215	1	0		24		27		0		0	
APO2	8205	9502	10	0		0		0		0		0	
APO2	8215	9502	4	0		0		0		0		0	
APO2	8216		10	0		0		0		0		0	
APO2	8216	8215	89	0		0		0		0		0	
APO2	8216	9502	1	0		0		0		0		0	

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
APO2	8303	9502		1		0		0		0		0		0
APO2	8378	9502		1		0		0		2		0		0
APO2	8379	9502		1		0		0		0		0		0
APO3				5		0		0		9		0		0
APO3	8205			4		0		30		22		0		0
APO3	8205	8215		0		0		16		18		0		0
APO3	8216			11		0		0		0		0		0
APO3	8216	8215		117		0		0		0		0		0
APO3	8205			0		0		7		7		0		0
APO3	8216			23		0		0		0		0		0
ATC	8389			1		0		0		0		0		0
AT1	8303			2		0		0		0		0		0
AT1	8379			5		0		0		0		0		0
AT1	8389			4		0		2		2		0		0
AT2	8379			33		0		0		0		0		0
AT2	8389			21		0		8		9		0		0
AT3	8808			6		0		0		0		0		0
AT3	8879			2		0		0		0		0		0
ATAN	8808			7		0		8		9		0		0
AWC	7815			2		0		0		0		0		0
AW1	7815	9502		1		0		0		0		0		0
AZC				2		0		0		0		0		0
AZ1				5		0		0		0		0		0
AZ1	6315			5		0		0		0		0		0
AZ2				46		0		0		0		0		0
AZ3				5		0		0		0		0		0
AZAN				5		0		0		0		0		0
DK2				0		0		0		0		0		0
DM3				1		0		0		0		0		0
DP3				0		0		0		1		0		0
DP3	2306			1		0		1		0		0		0
ET1	1647			1		0		0		0		0		0
HMC	8401			2		0		0		0		0		0
HM2	8401			1		0		0		0		0		0
HM2	8401	9502		1		0		0		0		0		0
HM2	8406			1		0		0		0		0		0
HM3	8406			1		0		0		0		0		0
IT2	2735			1		0		0		0		0		0
IT2	2780			7		0		0		0		0		0
IT3				1		0		0		0		0		0
IT3	2735			4		0		0		0		0		0
LN2				1		0		0		0		0		0
MS1				1		0		0		0		0		0
NC1				5		0		0		0		0		0
POCM		9580		4		0		0		0		0		0
POC	0170			1		0		0		0		0		0
PO1				0		0		1		0		0		0
PO1	0170			1		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
PO2			21	0	0	0	0	0	0	0	0	0	0
PO3			9	0	0	0	0	0	0	0	0	0	0
PR1			9	0	0	0	0	0	0	0	0	0	0
PR1	9502		1	0	0	0	0	0	0	0	0	0	0
PR2			25	0	0	0	0	0	0	0	0	0	0
PR3			11	0	0	0	0	0	0	0	0	0	0
PRAN			6	0	0	0	0	0	0	0	0	0	0
YNC			5	0	0	0	0	0	0	0	0	0	0
YN1			6	0	0	0	0	0	0	0	0	0	0
YN2			10	0	0	0	0	0	0	0	0	0	0
YN3			7	0	1	0	0	0	0	0	0	0	0
YNSN			21	0	0	0	0	0	0	0	0	0	0
SN			1	0	0	0	0	0	0	0	0	0	0
AN			202	0	0	0	1	0	0	0	0	0	0
NAVY OPERATIONAL ACTIVITIES - TAR													
1311			8	0	0	0	0	0	0	0	0	0	0
1520			1	0	0	0	0	0	0	0	0	0	0
6330			0	0	0	0	0	4	0	0	0	0	0
AD1	8377		2	0	0	0	0	0	0	0	0	0	0
AD1	8378		0	0	0	0	0	0	4	0	0	0	0
AD2	6426		0	0	0	0	0	0	0	0	0	0	0
AD2	8378		0	0	0	0	0	0	3	0	0	0	0
AD3			4	0	0	0	0	0	0	0	0	0	0
AD3	6419		1	0	0	0	0	0	0	0	0	0	0
AD3	6426		0	0	0	0	0	0	1	0	0	0	0
AD3	8878		0	0	0	0	0	0	3	0	0	0	0
ADAN			4	0	0	0	0	0	0	0	0	0	0
ADAN	6426		0	0	0	0	0	0	1	0	0	0	0
ADAN	8878		0	0	0	0	0	0	3	0	0	0	0
AE1	8377		2	0	0	0	0	0	0	0	0	0	0
AE1	8389		0	0	0	0	0	0	1	0	0	0	0
AE2	7144	7105	0	0	0	0	0	0	0	0	0	0	0
AE2	8377		3	0	0	0	0	0	0	0	0	0	0
AE2	8389		0	0	0	0	0	0	3	0	0	0	0
AE3			4	0	0	0	0	0	0	0	0	0	0
AE3	7144		1	0	0	0	0	0	0	0	0	0	0
AEAN			1	0	0	0	0	0	0	0	0	0	0
AEAN	8808		0	0	0	0	0	0	3	0	0	0	0
AK1			1	0	0	0	0	0	0	0	0	0	0
AK2			1	0	0	0	0	0	0	0	0	0	0
AK2		9590	1	0	0	0	0	0	0	0	0	0	0
AM1	8377		2	0	0	0	0	0	0	0	0	0	0
AM1	8377	9595	1	0	0	0	0	0	0	0	0	0	0
AM1	8378		0	0	0	0	0	0	6	0	0	0	0
AM1	8378	9595	0	0	0	0	0	0	1	0	0	0	0
AM2	8377		7	0	0	0	0	0	0	0	0	0	0
AM2	8378		0	0	0	0	0	0	3	0	0	0	0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
AM3				5		0		0		0		0		0
AM3	7212			1		0		0		0		0		0
AM3	7232			1		0		0		0		0		0
AM3	8878			0		0		0		0		3		0
AMAN				5		0		0		0		0		0
AO1	8378			0		0		0		0		0		0
AO2				1		0		0		0		0		0
APOCM	8300			0		0		0		0		1		0
APOCS				3		0		0		0		0		0
APOC				7		0		0		0		0		0
APOC	8205	8215		0		0		0		0		3		0
APO1				2		0		0		0		0		0
APO1		9595		1		0		0		0		0		0
APO1	8205	8215		0		0		0		0		6		0
APO1	8211	8215		4		0		0		0		0		0
APO1	8215			0		0		0		0		0		0
APO1	8301			0		0		0		0		1		0
APO2				3		0		0		0		0		0
APO2	8205	8215		0		0		0		0		9		0
APO2	8211	8215		4		0		0		0		0		0
APO3				1		0		0		0		0		0
APO3	8205	8215		0		0		0		0		6		0
APO3	8211	8215		4		0		0		0		0		0
APO3	8211			4		0		0		0		0		0
AT1	8377			2		0		0		0		0		0
AT1	8389			0		0		0		0		1		0
AT2	6611	6609		0		0		0		0		0		0
AT2	6611	6613		1		0		0		0		0		0
AT2	6688			0		0		0		0		0		0
AT2	7144			0		0		0		0		1		0
AT2	8377			3		0		0		0		0		0
AT2	8389			0		0		0		0		3		0
AT3				1		0		0		0		0		0
AT3	6605	6612		0		0		0		0		0		0
AT3	6606			1		0		0		0		0		0
AT3	6634	6613		0		0		0		0		0		0
ATAN				1		0		0		0		0		0
ATAN	6606	6608		0		0		0		0		0		0
ATAN	8808			0		0		0		0		3		0
AZ1				1		0		0		0		0		0
AZ1	6315			1		0		0		0		0		0
AZ2				2		0		0		0		0		0
AZ3				1		0		0		0		0		0
IT3	2735			1		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NC1			1	0	0	0	0	0	0	0	0	0	0
PN1			1	0	0	0	0	0	0	0	0	0	0
PN2			2	0	0	0	0	0	0	0	0	0	0
PN3			1	0	0	0	0	0	0	0	0	0	0
POCM	9580		1	0	0	0	0	0	0	0	0	0	0
PO2			1	0	0	0	0	0	0	0	0	0	0
PR1			1	0	0	0	0	0	0	0	0	0	0
PR2			2	0	0	0	0	0	0	0	0	0	0
PR3			1	0	0	0	0	0	0	0	0	0	0
PRAN			2	0	0	0	0	0	0	0	0	0	0
YNC			1	0	0	0	0	0	0	0	0	0	0
YN1	9588		0	0	0	0	0	0	0	0	0	0	0
YN2			0	0	0	0	0	0	0	0	0	0	0
YN3			1	0	0	0	0	0	0	0	0	0	0
YNSN			0	0	0	0	0	0	0	0	0	0	0
AN			5	0	0	0	0	0	0	0	0	0	0
NAVY OPERATIONAL ACTIVITIES - SELRES													
1311			24	0	0	0	0	0	0	0	0	0	0
2102			1	0	0	0	0	0	0	0	0	0	0
AD1	8377		3	0	0	0	0	0	0	0	0	0	0
AD3			4	0	0	0	0	0	0	0	0	0	0
ADAN			4	0	0	0	0	0	0	0	0	0	0
ADAN	6419		1	0	0	0	0	0	0	0	0	0	0
AE1	8377		3	0	0	0	0	0	0	0	0	0	0
AE2	8377		1	0	0	0	0	0	0	0	0	0	0
AE3			1	0	0	0	0	0	0	0	0	0	0
AEAN			4	0	0	0	0	0	0	0	0	0	0
AKC			1	0	0	0	0	0	0	0	0	0	0
AK3			2	0	0	0	0	0	0	0	0	0	0
AMCS	8377		1	0	0	0	0	0	0	0	0	0	0
AMC	8377		1	0	0	0	0	0	0	0	0	0	0
AM1	8377		4	0	0	0	0	0	0	0	0	0	0
AM2	8377		1	0	0	0	0	0	0	0	0	0	0
AM3			5	0	0	0	0	0	0	0	0	0	0
AMAN			5	0	0	0	0	0	0	0	0	0	0
APO1			1	0	0	0	0	0	0	0	0	0	0
APO2			4	0	0	0	0	0	0	0	0	0	0
APO2	8211	8215	8	0	0	0	0	0	0	0	0	0	0
APO3	8211	8215	4	0	0	0	0	0	0	0	0	0	0
APO3	8211		4	0	0	0	0	0	0	0	0	0	0
AT2	8377		1	0	0	0	0	0	0	0	0	0	0
AT3			3	0	0	0	0	0	0	0	0	0	0
AZ3			3	0	0	0	0	0	0	0	0	0	0
AZAN			1	0	0	0	0	0	0	0	0	0	0
DK2			2	0	0	0	0	0	0	0	0	0	0
PO3			1	0	0	0	0	0	0	0	0	0	0
YN2			1	0	0	0	0	0	0	0	0	0	0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
YNSN				1		0		0		0		0		0
AN				27		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU														
1000				1		0		0		0		0		0
1302				1		0		0		0		0		0
1312				3		0		0		0		0		0
2302				1		0		0		0		0		0
3100				1		0		0		0		0		0
6330				1		0		0		0		0		0
6380				1		0		0		0		0		0
ADC	8378	8377		1		0		0		0		0		0
ADC	8378	9502		1		0		0		0		0		0
AEC				1		0		0		0		0		0
AE1	8389	9502		1		0		0		0		0		0
AFCM	8300			1		0		0		0		0		0
AKC				1		0		0		0		0		0
AK1				1		0		0		0		0		0
AMCS				1		0		0		0		0		0
AM1	8378	9502		1		0		0		0		0		0
AOC	8378			1		0		0		0		0		0
APOCM		9580		1		0		0		0		0		0
ATCS				1		0		0		0		0		0
ATC	8389	9502		1		0		0		0		0		0
AWCS	7876	7815		1		0		0		0		0		0
AW1	7876	7815		1		0		0		0		0		0
AW2				1		0		0		0		0		0
AZC				1		0		0		0		0		0
AZ1				1		0		0		0		0		0
AZ3				1		0		0		0		0		0
IT2	2750	2735		1		0		0		0		0		0
NCC				1		0		0		0		0		0
PRC				1		0		0		0		0		0
YNC				1		0		0		0		0		0
YN2				1		0		0		0		0		0
YN3				1		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES														
1312				1		0		0		0		0		0
1630				1		0		0		0		0		0
3100				1		0		0		0		0		0
6330				1		0		0		0		0		0
6360				1		0		0		0		0		0
ADC	8377			1		0		0		0		0		0
AEC	8377			1		0		0		0		0		0
AK1				1		0		0		0		0		0
AK2				1		0		0		0		0		0
AMCS				1		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
AMC	8377		1	0	0	0	0	0	0	0	0	0	0
AO1			1	0	0	0	0	0	0	0	0	0	0
ATC			1	0	0	0	0	0	0	0	0	0	0
AWCS	7872		1	0	0	0	0	0	0	0	0	0	0
AWC			1	0	0	0	0	0	0	0	0	0	0
AW1			1	0	0	0	0	0	0	0	0	0	0
AW2			1	0	0	0	0	0	0	0	0	0	0
AZ1			1	0	0	0	0	0	0	0	0	0	0

**SUMMARY TOTALS:**

NAVY OPERATIONAL ACTIVITIES - ACDU	358	1660	0	0	8	313	3	348	0	1	0	0
NAVY OPERATIONAL ACTIVITIES - TAR	9	116	0	0	0	0	0	0	4	69	0	0
NAVY OPERATIONAL ACTIVITIES - SELRES	25	102	0	0	0	0	0	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - ACDU	9	25	0	0	0	0	0	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - SELRES	5	13	0	0	0	0	0	0	0	0	0	0

**GRAND TOTALS:**

NAVY - ACDU	367	1685	0	0	8	313	3	348	0	1	0	0
NAVY - TAR	9	116	0	0	0	0	0	0	4	69	0	0
NAVY - SELRES	30	115	0	0	0	0	0	0	0	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - NAVY					
<b>HC-6 Sea, 0381A, FY02 Increment</b>					
ACDU	0	11	AD1	8379	
	0	8	AD2	8379	
	0	8	AD3	8879	
	0	8	ADAN	8879	
	0	1	AE1	8379	
	0	8	AE2	8379	
	0	8	AEAN	8879	
	0	11	AM1	8379	
	0	3	AM2	7225	8379
	0	8	AM2	8379	
	0	13	AM3	7225	8879
	0	6	AM3	8879	
	0	8	AMAN	8879	
	0	8	APO1	8216	8215
	0	20	APO2	8216	8215
	0	22	APO3	8216	8215
	0	6	APO3	8216	
	0	1	AT1	8379	
	0	8	AT2	8379	
<b>ACTIVITY TOTAL:</b>	0	166			
<b>HC-6 Shore, 31242, FY02 Increment</b>					
ACDU	0	1	APOC	8216	8215
	0	1	AT1	8303	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>HC-8 Sea, 55219, FY03 Increment</b>					
ACDU	0	11	AD1	8379	
	0	8	AD2	8379	
	0	8	AD3	8879	
	0	8	ADAN	8879	
	0	1	AE1	8379	
	0	8	AE2	8379	
	0	8	AEAN	8879	
	0	11	AM1	8379	
	0	3	AM2	7225	8379
	0	8	AM2	8379	
	0	5	AM3	7225	8879
	0	6	AM3	8879	
	0	8	AMAN	8879	
	0	8	AMS3	7225	8879
	0	8	APO1	8216	8215

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACDU	0	20	APO2	8216	8215
	0	22	APO3	8216	8215
	0	6	APO3	8216	
	0	1	AT1	8379	
	0	8	AT2	8379	
<b>ACTIVITY TOTAL:</b>	0	166			
<b>HC-8 Shore, 55218, FY03 Increment</b>					
ACDU	0	1	APOC	8216	8215
	0	1	APOC	8379	9502
	0	1	APO2	8216	9502
	0	1	APO2	8379	9502
<b>ACTIVITY TOTAL:</b>	0	4			
<b>HC-11 Sea, 42300, FY03 Increment</b>					
ACDU	0	9	AD1	8379	
	0	9	AD2	8379	
	0	9	AD3	8879	
	0	9	ADAN	8879	
	0	9	AE2	8379	
	0	9	AEAN	8879	
	0	2	AM1	7225	8379
	0	9	AM1	8379	
	0	3	AM2	7225	8379
	0	9	AM2	8379	
	0	4	AM3	7225	8879
	0	17	AM3	8879	
	0	9	AMAN	8879	
	0	9	APO1	8216	8215
	0	27	APO2	8216	8215
	0	27	APO3	8216	8215
	0	9	APO3	8216	
	0	9	AT2	8379	
	0	9	AN		
	<b>ACTIVITY TOTAL:</b>	0	197		
<b>HC-11 Shore, 53920, FY03 Increment</b>					
ACDU	2	0	1312		
	0	1	AD1	8379	
	0	1	AE1	8379	
	0	4	AM1	8379	
	0	1	AT1	8379	
	0	1	YNSN		

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY TOTAL:	2	8			
HC-3 FRS, 09822, FY04 Increment					
ACDU	0	1	APOC	8216	
	0	2	APOC	8216	8215
	0	1	APOC	8216	9502
	0	2	APO1	8216	8215
	0	3	APO2	8216	8215
	0	2	APO3	8216	8215
	0	2	APO3	8216	
ACTIVITY TOTAL:	0	13			
HC-5 Sea, 76083, FY02 Increment					
ACDU	0	16	AD1	8379	
	0	8	AD2	8379	
	0	8	AD3	8879	
	0	8	ADAN	8879	
	0	8	AE2	8379	
	0	8	AEAN	8879	
	0	8	AM1	8379	
	0	8	AM2	7225	8379
	0	8	AM2	8379	
	0	8	AM3	8879	
	0	8	AMAN	8879	
	0	8	APO1	8216	8215
	0	8	APO2	8216	
	0	8	APO2	8216	8215
	0	8	APO3	8216	
	0	24	APO3	8216	8215
	0	8	AT2	8379	
ACTIVITY TOTAL:	0	160			
HC-5 Shore, 09823, FY02 Increment					
ACDU	1	0	6380		
	0	1	APO2		9590
	0	1	AZ2		
	0	1	ET1	1647	
	0	1	IT2	2735	
	0	2	IT2	2780	
	0	1	MS1		
	0	2	AN		
ACTIVITY TOTAL:	1	9			
HC-85 Reserves, 09061, FY04 Increment					
TAR	0	2	AD1	8377	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
TAR	0	4	AD3		
	0	1	AD3	6419	
	0	4	ADAN		
	0	2	AE1	8377	
	0	3	AE2	8377	
	0	4	AE3		
	0	1	AE3	7144	
	0	1	AEAN		
	0	2	AM1	8377	
	0	1	AM1	8377	9595
	0	7	AM2	8377	
	0	1	AM3		
	0	1	AO2		
	0	4	APO1	8211	8215
	0	4	APO2	8211	8215
	0	4	APO3	8211	8215
	0	4	APO3	8211	
	0	2	AT1	8377	
	0	3	AT2	8377	
	SELRES	0	3	AD1	8377
0		1	ADAN	6419	
0		3	AE1	8377	
0		1	AE2	8377	
0		1	AMCS	8377	
0		1	AMC	8377	
0		4	AM1	8377	
0		1	AM2	8377	
0		2	AM3		
0		8	APO2	8211	8215
0		4	APO3	8211	8215
0		4	APO3	8211	
0		1	AT2	8377	
ACTIVITY TOTAL:	0	89			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY OPERATIONAL ACTIVITIES - ACDU													
1312		2		0		0		-2		0		0	
6380		1		0		-1		0		0		0	
AD1	8379		52	0	0	-27		-21		0		0	0
AD2	8379		37	0	0	-16		-17		0		0	0
AD3	8879		38	0	0	-16		-17		0		0	0
ADAN	8879		41	0	0	-16		-17		0		0	0
AE1	8379		2	0	0	-1		-2		0		0	0
AE2	8379		37	0	0	-16		-17		0		0	0
AEAN	8879		36	0	0	-16		-17		0		0	0
AM1	7225 8379		2	0	0	0		-2		0		0	0
AM1	8379		44	0	0	-19		-24		0		0	0
AM2	7225 8379		17	0	0	-11		-6		0		0	0
AM2	8379		38	0	0	-16		-17		0		0	0
AM3	7225 8879		30	0	0	-5		-9		0		0	0
AM3	8879		41	0	0	-14		-23		0		0	0
AMAN	8879		43	0	0	-16		-17		0		0	0
APOC	8216		1	0	0	0		0		-1		0	0
APOC	8216 8215		4	0	0	-1		-1		-2		0	0
APOC	8216 9502		1	0	0	0		0		-1		0	0
APOC	8379 9502		1	0	0	0		-1		0		0	0
APO1	8216 8215		38	0	0	-16		-17		-2		0	0
APO2	9590		1	0	0	-1		0		0		0	0
APO2	8216		10	0	0	-8		0		0		0	0
APO2	8216 8215		89	0	0	-28		-47		-3		0	0
APO2	8216 9502		1	0	0	0		-1		0		0	0
APO2	8379 9502		1	0	0	0		-1		0		0	0
APO3	8216		11	0	0	-8		0		0		0	0
APO3	8216 8215		117	0	0	-46		-49		-2		0	0
APO3	8216		23	0	0	-6		-15		-2		0	0
AT1	8303		1	0	0	-1		0		0		0	0
AT1	8379		3	0	0	-1		-2		0		0	0
AT2	8379		33	0	0	-16		-17		0		0	0
AZ2			3	0	0	-1		0		0		0	0
ET1	1647		1	0	0	-1		0		0		0	0
IT2	2735		1	0	0	-1		0		0		0	0
IT2	2780		2	0	0	-2		0		0		0	0
MS1			1	0	0	-1		0		0		0	0
YNSN			4	0	0	0		-1		0		0	0
AN			46	0	0	-2		-9		0		0	0
NAVY OPERATIONAL ACTIVITIES - TAR													
AD1	8377		2	0	0	0		0		-2		0	0
AD3			4	0	0	0		0		-4		0	0
AD3	6419		1	0	0	0		0		-1		0	0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05		
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
ADAN			4	0	0	0	0	0	0	-4	0		0	
AE1	8377		2	0	0	0	0	0	0	-2	0		0	
AE2	8377		3	0	0	0	0	0	0	-3	0		0	
AE3			4	0	0	0	0	0	0	-4	0		0	
AE3	7144		1	0	0	0	0	0	0	-1	0		0	
AEAN			1	0	0	0	0	0	0	-1	0		0	
AM1	8377		2	0	0	0	0	0	0	-2	0		0	
AM1	8377	9595	1	0	0	0	0	0	0	-1	0		0	
AM2	8377		7	0	0	0	0	0	0	-7	0		0	
AM3			5	0	0	0	0	0	0	-1	0		0	
AO2			1	0	0	0	0	0	0	-1	0		0	
APO1	8211	8215	4	0	0	0	0	0	0	-4	0		0	
APO2	8211	8215	4	0	0	0	0	0	0	-4	0		0	
APO3	8211	8215	4	0	0	0	0	0	0	-4	0		0	
APO3	8211		4	0	0	0	0	0	0	-4	0		0	
AT1	8377		2	0	0	0	0	0	0	-2	0		0	
AT2	8377		3	0	0	0	0	0	0	-3	0		0	
NAVY OPERATIONAL ACTIVITIES - SELRES														
AD1	8377		3	0	0	0	0	0	0	-3	0		0	
ADAN	6419		1	0	0	0	0	0	0	-1	0		0	
AE1	8377		3	0	0	0	0	0	0	-3	0		0	
AE2	8377		1	0	0	0	0	0	0	-1	0		0	
AMCS	8377		1	0	0	0	0	0	0	-1	0		0	
AMC	8377		1	0	0	0	0	0	0	-1	0		0	
AM1	8377		4	0	0	0	0	0	0	-4	0		0	
AM2	8377		1	0	0	0	0	0	0	-1	0		0	
AM3			5	0	0	0	0	0	0	-2	0		0	
APO2	8211	8215	8	0	0	0	0	0	0	-8	0		0	
APO3	8211	8215	4	0	0	0	0	0	0	-4	0		0	
APO3	8211		4	0	0	0	0	0	0	-4	0		0	
AT2	8377		1	0	0	0	0	0	0	-1	0		0	
<b>SUMMARY TOTALS:</b>														
NAVY OPERATIONAL ACTIVITIES - ACDU														
			3	851	0	0	-1	-337	-2	-375	0	-13	0	0
NAVY OPERATIONAL ACTIVITIES - TAR														
			59		0	0	0	0	0	-55	0		0	
NAVY OPERATIONAL ACTIVITIES - SELRES														
			37		0	0	0	0	0	-34	0		0	
<b>GRAND TOTALS:</b>														

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY - ACDU		3	851	0	0	-1	-337	-2	-375	0	-13	0	0
NAVY - TAR			59	0	0	0	0	0	0	-55	0	0	0
NAVY - SELRES			37	0	0	0	0	0	0	-34	0	0	0

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

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 1022 NAMTRAU North Island, 66065

**INSTRUCTOR BILLETS**

ACDU															
DESIG	RATING	PNEC/SNEC	PMOS/SMOS	PFYs OFF	PFYs ENL	CFY01 OFF	CFY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL
ADC	8378	9502		0	1	0	1	0	1	0	1	0	1	0	1
ADC	8379	9502		0	1	0	1	0	1	0	1	0	1	0	1
AD1	6426	9502		0	2	0	2	0	2	0	2	0	2	0	2
AD1	8378	9502		0	3	0	3	0	3	0	3	0	3	0	3
AD1	8379	9502		0	3	0	3	0	3	0	3	0	3	0	3
AEC	8389	9502		0	1	0	1	0	1	0	1	0	1	0	1
AE1	8379	9502		0	1	0	1	0	1	0	1	0	1	0	1
AE2	8379	9502		0	2	0	2	0	2	0	2	0	2	0	2
AM1	8378	9502		0	2	0	2	0	2	0	2	0	2	0	2
AO1	8378	9502		0	4	0	4	0	4	0	4	0	4	0	4
AO2	8378	9502		0	2	0	2	0	2	0	2	0	2	0	2
ATC	8376	9502		0	1	0	1	0	1	0	1	0	1	0	1
ATC	8378	9502		0	1	0	1	0	1	0	1	0	1	0	1
AT1	8376	9502		0	5	0	5	0	5	0	5	0	5	0	5
AT1	8379	9502		0	2	0	2	0	2	0	2	0	2	0	2
AT2	8376	9502		0	1	0	1	0	1	0	1	0	1	0	1
AT2	8379	9502		0	1	0	1	0	1	0	1	0	1	0	1
AT2	8389	9502		0	2	0	2	0	2	0	2	0	2	0	2
<b>TOTAL:</b>				0	35	0	35	0	35	0	35	0	35	0	35

**Note:** The Instructor billets for MTU 1022 NAMTRAU North Island are existing billets for H-60 maintenance training and are not exclusively for the MH-60S.

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

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

**TRAINING ACTIVITY, LOCATION, UIC:** MTU 10XX NAMTRAGRU DET Mayport or NAMTRAU Jacksonville, 660XX

**INSTRUCTOR BILLETS**

ACDU														
ADC	8378	9502	0	1	0	1	0	1	0	1	0	1	0	1
AD1	6426	9502	0	1	0	1	0	1	0	1	0	1	0	1
AD1	8378	9502	0	2	0	2	0	2	0	2	0	2	0	2
AD2	6426	9502	0	1	0	1	0	1	0	1	0	1	0	1
AE2	8389	9502	0	1	0	1	0	1	0	1	0	1	0	1
AM1	8378	9502	0	1	0	1	0	1	0	1	0	1	0	1
AOC	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
AO1	8378	9502	0	1	0	1	0	1	0	1	0	1	0	1
APO1	8378	9502	0	1	0	1	0	1	0	1	0	1	0	1
AT1	8376	9502	0	4	0	4	0	4	0	4	0	4	0	4
AT1	8389	9502	0	1	0	1	0	1	0	1	0	1	0	1

**SUPPORT BILLETS**

ACDU														
AVCM		9502	0	1	0	1	0	1	0	1	0	1	0	1
<b>TOTAL:</b>			0	19	0	19	0	19	0	19	0	19	0	19

**Note:** The Instructor billets for MTU 10XX were extracted from NAMTRAGRU DET Mayport and are existing billets for H-60 maintenance training. They are not exclusively for the MH-60S.

**TRAINING ACTIVITY, LOCATION, UIC:** MTU (TBD) NAMTRAU Norfolk, 00000

Instructor and support billet requirements have not been determined, but will be included in future updates to this NTSP.

**II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS**

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk, 00000	NAVY		0.0		0.0		0.0		9.5		5.9		5.9
HC-3, NAS North Island, 09822	NAVY	0.0	0.0	0.0	0.0	11.0	14.2	19.5	19.2	34.0	24.1	34.0	21.5
MTU 1022 NAMTRAU North Island, 66065	NAVY		0.0		0.0		13.2		18.1		15.8		13.8

**SUMMARY TOTALS:**

NAVY	0.0	0.0	0.0	0.0	11.0	27.4	19.5	46.8	34.0	45.8	34.0	41.2
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**GRAND TOTALS:**

	0.0	0.0	0.0	0.0	8.2	27.4	16.8	46.8	31.0	45.8	31.0	41.2
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**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM

**a. OFFICER - USN**

Operational Billets ACDU and TAR

1110			1	0	1	0	1	0	1	0	1	0	1
1302			0	0	0	4	4	2	6	0	6	0	6
1311			258	0	258	0	258	0	258	0	258	0	258
1312			59	0	59	2	61	-1	60	0	60	0	60
1520			6	0	6	1	7	0	7	0	7	0	7
2102			5	0	5	0	5	0	5	0	5	0	5
3100			1	0	1	0	1	0	1	0	1	0	1
6330			18	0	18	0	18	0	18	4	22	0	22
6380			1	0	1	-1	0	0	0	0	0	0	0
6410			1	0	1	0	1	0	1	0	1	0	1
7340			17	0	17	1	18	0	18	0	18	0	18

Fleet Support Billets ACDU and TAR

1000			1	0	1	0	1	0	1	0	1	0	1
1302			1	0	1	0	1	0	1	0	1	0	1
1312			3	0	3	0	3	0	3	0	3	0	3
2302			1	0	1	0	1	0	1	0	1	0	1
3100			1	0	1	0	1	0	1	0	1	0	1
6330			1	0	1	0	1	0	1	0	1	0	1
6380			1	0	1	0	1	0	1	0	1	0	1

Chargeable Student Billets ACDU and TAR

			0	0	0	8	8	9	17	14	31	0	31
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SELRES Billets

1311			24	0	24	0	24	0	24	0	24	0	24
1312			1	0	1	0	1	0	1	0	1	0	1
1630			1	0	1	0	1	0	1	0	1	0	1
2102			1	0	1	0	1	0	1	0	1	0	1
3100			1	0	1	0	1	0	1	0	1	0	1
6330			1	0	1	0	1	0	1	0	1	0	1
6360			1	0	1	0	1	0	1	0	1	0	1

**TOTAL USN OFFICER BILLETS:**

Operational			367	0	367	7	374	1	375	4	379	0	379
Fleet Support			9	0	9	0	9	0	9	0	9	0	9
Chargeable Student			0	0	0	11	11	9	20	14	34	0	34

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
SELRES			30	0	30	0	30	0	30	0	30	0	30

b. ENLISTED - USN

Operational Billets ACDU and TAR

ABH2		9502	1	0	1	0	1	0	1	0	1	0	1
ADC	8378		2	0	2	0	2	0	2	0	2	0	2
AD1	8303		2	0	2	0	2	0	2	0	2	0	2
AD1	8377		2	0	2	0	2	0	2	-2	0	0	0
AD1	8378		9	0	9	27	36	21	57	5	62	0	62
AD1	8379		52	0	52	-27	25	-21	4	0	4	0	4
AD2	6426		0	0	0	0	0	0	0	0	0	0	0
AD2	8378		9	0	9	16	25	17	42	3	45	0	45
AD2	8379		37	0	37	-16	21	-17	4	0	4	0	4
AD3			4	0	4	0	4	0	4	-4	0	0	0
AD3	6419		1	0	1	0	1	0	1	-1	0	0	0
AD3	6426		0	0	0	0	0	0	0	1	1	0	1
AD3	8878		14	0	14	16	30	17	47	3	50	0	50
AD3	8879		38	0	38	-16	22	-17	5	0	5	0	5
ADAN			4	0	4	0	4	0	4	-4	0	0	0
ADAN	6426		0	0	0	0	0	0	0	1	1	0	1
ADAN	8878		19	0	19	16	35	17	52	3	55	0	55
ADAN	8879		41	0	41	-16	25	-17	8	0	8	0	8
AEC	8389		1	0	1	0	1	0	1	0	1	0	1
AE1	8377		2	0	2	0	2	0	2	-2	0	0	0
AE1	8379		2	0	2	-1	1	-2	-1	0	-1	0	-1
AE1	8389		6	0	6	1	7	2	9	1	10	0	10
AE2	7144	7105	0	0	0	0	0	0	0	0	0	0	0
AE2	8377		3	0	3	0	3	0	3	-3	0	0	0
AE2	8379		37	0	37	-16	21	-17	4	0	4	0	4
AE2	8389		7	0	7	16	23	17	40	3	43	0	43
AE3			4	0	4	0	4	0	4	-4	0	0	0
AE3	7144		1	0	1	0	1	0	1	-1	0	0	0
AE3	8808		10	0	10	0	10	0	10	0	10	0	10
AE3	8879		4	0	4	0	4	0	4	0	4	0	4
AEAN			1	0	1	0	1	0	1	-1	0	0	0
AEAN	8808		12	0	12	16	28	17	45	3	48	0	48
AEAN	8879		36	0	36	-16	20	-17	3	0	3	0	3
AKCS			1	0	1	0	1	0	1	0	1	0	1
AKC			1	0	1	0	1	0	1	0	1	0	1
AK1			5	0	5	0	5	0	5	0	5	0	5
AK2			36	0	36	0	36	0	36	0	36	0	36
AK2		9590	1	0	1	1	2	0	2	0	2	0	2
AK3			6	0	6	0	6	0	6	0	6	0	6
AKAN			2	0	2	0	2	0	2	0	2	0	2
AMC	8378		3	0	3	0	3	0	3	0	3	0	3
AM1	7225	8379	2	0	2	0	2	-2	0	0	0	0	0
AM1	8303		2	0	2	0	2	0	2	0	2	0	2

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
AM1	8377		2	0	2	0	2	0	2	-2	0	0	0
AM1	8377	9595	1	0	1	0	1	0	1	-1	0	0	0
AM1	8378		9	0	9	19	28	15	43	6	49	0	49
AM1	8378	9595	0	0	0	0	0	0	0	1	1	0	1
AM1	8379		44	0	44	-19	25	-24	1	0	1	0	1
AM2	7225	8378	0	0	0	3	3	3	6	0	6	0	6
AM2	7225	8379	17	0	17	-11	6	-6	0	0	0	0	0
AM2	8377		7	0	7	0	7	0	7	-7	0	0	0
AM2	8378		9	0	9	9	18	17	35	3	38	0	38
AM2	8379		38	0	38	-16	22	-17	5	0	5	0	5
AM3			5	0	5	0	5	0	5	-1	4	0	4
AM3	7212		1	0	1	0	1	0	1	0	1	0	1
AM3	7225	8878	0	0	0	5	5	5	10	0	10	0	10
AM3	7225	8879	33	0	17	-5	12	-9	3	0	3	0	3
AM3	7232		1	0	1	0	1	0	1	0	1	0	1
AM3	8878		14	0	14	7	21	15	36	3	39	0	39
AM3	8879		41	0	41	-14	27	-23	4	0	4	0	4
AMAN			5	0	5	0	5	0	5	0	5	0	5
AMAN	8878		24	0	24	9	33	17	50	0	50	0	50
AMAN	8879		43	0	43	-16	27	-17	10	0	10	0	10
AO1	8378		0	0	0	0	0	0	0	0	0	0	0
AO2			3	0	3	0	3	0	3	-1	2	0	2
AO3			1	0	1	0	1	0	1	0	1	0	1
APOCM		9580	1	0	1	0	1	1	2	0	2	0	2
APOCM	8300		5	0	5	0	5	0	5	1	6	0	6
APOCS			18	0	18	0	18	0	18	0	18	0	18
APOCS	8205	8215	1	0	1	0	1	0	1	0	1	0	1
APOCS	8215		2	0	2	0	2	0	2	0	2	0	2
APOCS	8215	9502	1	0	1	0	1	0	1	0	1	0	1
APOCS	8216	8215	1	0	1	0	1	0	1	0	1	0	1
APOC			50	0	50	0	50	0	50	0	50	0	50
APOC	8205		1	0	1	0	1	0	1	0	1	0	1
APOC	8205	8215	1	0	1	8	9	9	18	3	21	0	21
APOC	8205	9502	1	0	1	0	1	0	1	0	1	0	1
APOC	8215		1	0	1	0	1	0	1	0	1	0	1
APOC	8215	9502	2	0	2	0	2	0	2	0	2	0	2
APOC	8216		1	0	1	0	1	0	1	-1	0	0	0
APOC	8216	8215	4	0	4	-1	3	-1	2	-2	0	0	0
APOC	8216	9502	1	0	1	0	1	0	1	-1	0	0	0
APOC	8378	9502	0	0	0	0	0	1	1	0	1	0	1
APOC	8379	9502	1	0	1	0	1	-1	0	0	0	0	0
APO1			15	0	15	0	15	0	15	0	15	0	15
APO1		9590	2	0	2	0	2	0	2	0	2	0	2

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
APO1		9595	6	0	6	0	6	0	6	0	6	0	6
APO1	8205		1	0	1	8	9	8	17	0	17	0	17
APO1	8205	8215	2	0	2	16	18	18	36	6	42	0	42
APO1	8205	9502	4	0	4	0	4	1	5	0	5	0	5
APO1	8211	8215	4	0	4	0	4	0	4	-4	0	0	0
APO1	8215		0	0	0	0	0	0	0	0	0	0	0
APO1	8215	9502	3	0	3	0	3	0	3	0	3	0	3
APO1	8216	8215	38	0	38	-16	22	-17	5	-2	3	0	3
APO1	8301		3	0	3	0	3	1	4	1	5	0	5
APO1	8378	9502	3	0	3	0	3	0	3	0	3	0	3
APO2			33	0	33	0	33	0	33	0	33	0	33
APO2		9590	2	0	2	-1	1	0	1	0	1	0	1
APO2	8205		3	0	3	22	25	22	47	0	47	0	47
APO2	8205	8215	1	0	1	24	25	27	52	9	61	0	61
APO2	8205	9502	10	0	10	0	10	0	10	0	10	0	10
APO2	8211	8215	4	0	4	0	4	0	4	-4	0	0	0
APO2	8215	9502	4	0	4	0	4	0	4	0	4	0	4
APO2	8216		10	0	10	-8	2	0	2	0	2	0	2
APO2	8216	8215	89	0	89	-28	61	-47	14	-3	11	0	11
APO2	8216	9502	1	0	1	0	1	-1	0	0	0	0	0
APO2	8303	9502	1	0	1	0	1	0	1	0	1	0	1
APO2	8378	9502	1	0	1	0	1	2	3	0	3	0	3
APO2	8379	9502	1	0	1	0	1	-1	0	0	0	0	0
APO3			6	0	6	0	6	9	15	0	15	0	15
APO3	8205		4	0	4	30	34	22	56	0	56	0	56
APO3	8205	8215	0	0	0	16	16	18	34	6	40	0	40
APO3	8211	8215	4	0	4	0	4	0	4	-4	0	0	0
APO3	8216		11	0	11	-8	3	0	3	0	3	0	3
APO3	8216	8215	117	0	117	-46	71	-49	22	-2	20	0	20
APO3	8205		0	0	0	7	7	7	14	0	14	0	14
APO3	8211		4	0	4	0	4	0	4	-4	0	0	0
APO3	8216		23	0	23	-6	17	-15	2	-2	0	0	0
ATC	8389		1	0	1	0	1	0	1	0	1	0	1
AT1	8303		2	0	2	-1	1	0	1	0	1	0	1
AT1	8377		2	0	2	0	2	0	2	-2	0	0	0
AT1	8379		5	0	5	-1	4	-2	2	0	2	0	2
AT1	8389		4	0	4	2	6	2	8	1	9	0	9
AT2	6611	6609	0	0	0	0	0	0	0	0	0	0	0
AT2	6611	6613	1	0	1	0	1	0	1	0	1	0	1
AT2	6688		0	0	0	0	0	0	0	0	0	0	0
AT2	7144		0	0	0	0	0	0	0	1	1	0	1
AT2	8377		3	0	3	0	3	0	3	-3	0	0	0
AT2	8379		33	0	33	-16	17	-17	0	0	0	0	0
AT2	8389		21	0	21	8	29	9	38	3	41	0	41
AT3			1	0	1	0	1	0	1	0	1	0	1
AT3	6605	6612	0	0	0	0	0	0	0	0	0	0	0
AT3	6606		1	0	1	0	1	0	1	0	1	0	1
AT3	6634	6613	0	0	0	0	0	0	0	0	0	0	0

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
AT3	8808		6	0	6	0	6	0	6	0	6	0	6
AT3	8879		2	0	2	0	2	0	2	0	2	0	2
ATAN			1	0	1	0	1	0	1	0	1	0	1
ATAN	6606	6608	0	0	0	0	0	0	0	0	0	0	0
ATAN	8808		7	0	7	8	15	9	24	3	27	0	27
AWC	7815		2	0	2	0	2	0	2	0	2	0	2
AW1	7815	9502	1	0	1	0	1	0	1	0	1	0	1
AZC			2	0	2	0	2	0	2	0	2	0	2
AZ1			6	0	6	0	6	0	6	0	6	0	6
AZ1	6315		6	0	6	0	6	0	6	0	6	0	6
AZ2			48	0	48	-1	47	0	47	0	47	0	47
AZ3			6	0	6	0	6	0	6	0	6	0	6
AZAN			5	0	5	0	5	0	5	0	5	0	5
DK2			0	0	0	0	0	0	0	0	0	0	0
DM3			1	0	1	0	1	0	1	0	1	0	1
DP3			0	0	0	0	0	1	1	0	1	0	1
DP3	2306		1	0	1	1	2	0	2	0	2	0	2
ET1	1647		1	0	1	-1	0	0	0	0	0	0	0
HMC	8401		2	0	2	0	2	0	2	0	2	0	2
HM2	8401		1	0	1	0	1	0	1	0	1	0	1
HM2	8401	9502	1	0	1	0	1	0	1	0	1	0	1
HM2	8406		1	0	1	0	1	0	1	0	1	0	1
HM3	8406		1	0	1	0	1	0	1	0	1	0	1
IT2	2735		1	0	1	-1	0	0	0	0	0	0	0
IT2	2780		7	0	7	-2	5	0	5	0	5	0	5
IT3			1	0	1	0	1	0	1	0	1	0	1
IT3	2735		5	0	5	0	5	0	5	0	5	0	5
LN2			1	0	1	0	1	0	1	0	1	0	1
MS1			1	0	1	-1	0	0	0	0	0	0	0
NC1			6	0	6	0	6	0	6	0	6	0	6
PN1			1	0	1	0	1	0	1	0	1	0	1
PN2			2	0	2	0	2	0	2	0	2	0	2
PN3			1	0	1	0	1	0	1	0	1	0	1
POCM		9580	5	0	5	0	5	0	5	0	5	0	5
POC	0170		1	0	1	0	1	0	1	0	1	0	1
PO1			0	0	0	1	1	0	1	0	1	0	1
PO1	0170		1	0	1	0	1	0	1	0	1	0	1
PO2			22	0	22	0	22	0	22	0	22	0	22
PO3			9	0	9	0	9	0	9	0	9	0	9
PR1			10	0	10	0	10	0	10	0	10	0	10
PR1		9502	1	0	1	0	1	0	1	0	1	0	1
PR2			27	0	27	0	27	0	27	0	27	0	27
PR3			12	0	12	0	12	0	12	0	12	0	12
PRAN			8	0	8	0	8	0	8	0	8	0	8
YNC			6	0	6	0	6	0	6	0	6	0	6
YN1			6	0	6	0	6	0	6	0	6	0	6
YN1		9588	0	0	0	0	0	0	0	0	0	0	0
YN2			10	0	10	0	10	0	10	0	10	0	10

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
YN3			8	0	8	1	9	0	9	0	9	0	9
YNSN			21	0	21	0	21	-1	20	0	20	0	20
AN			207	0	207	-2	205	-8	197	0	197	0	197
SN			1	0	1	0	1	0	1	0	1	0	1
Fleet Support Billets ACDU and TAR													
ADC	8378	8377	1	0	1	0	1	0	1	0	1	0	1
ADC	8378	9502	1	0	1	0	1	0	1	0	1	0	1
AEC			1	0	1	0	1	0	1	0	1	0	1
AE1	8389	9502	1	0	1	0	1	0	1	0	1	0	1
AFCM	8300		1	0	1	0	1	0	1	0	1	0	1
AKC			1	0	1	0	1	0	1	0	1	0	1
AK1			1	0	1	0	1	0	1	0	1	0	1
AMCS			1	0	1	0	1	0	1	0	1	0	1
AM1	8378	9502	1	0	1	0	1	0	1	0	1	0	1
AOC	8378		1	0	1	0	1	0	1	0	1	0	1
APOCM		9580	1	0	1	0	1	0	1	0	1	0	1
ATCS			1	0	1	0	1	0	1	0	1	0	1
ATC	8389	9502	1	0	1	0	1	0	1	0	1	0	1
AWCS	7876	7815	1	0	1	0	1	0	1	0	1	0	1
AW1	7876	7815	1	0	1	0	1	0	1	0	1	0	1
AW2			1	0	1	0	1	0	1	0	1	0	1
AZC			1	0	1	0	1	0	1	0	1	0	1
AZ1			1	0	1	0	1	0	1	0	1	0	1
AZ3			1	0	1	0	1	0	1	0	1	0	1
IT2	2750	2735	1	0	1	0	1	0	1	0	1	0	1
NCC			1	0	1	0	1	0	1	0	1	0	1
PRC			1	0	1	0	1	0	1	0	1	0	1
YNC			1	0	1	0	1	0	1	0	1	0	1
YN2			1	0	1	0	1	0	1	0	1	0	1
YN3			1	0	1	0	1	0	1	0	1	0	1
Staff Billets ACDU and TAR													
ADC	8378	9502	2	0	2	0	2	0	2	0	2	0	2
ADC	8379	9502	1	0	1	0	1	0	1	0	1	0	1
AD1	6426	9502	3	0	3	0	3	0	3	0	3	0	3
AD1	8378	9502	5	0	5	0	5	0	5	0	5	0	5
AD1	8379	9502	3	0	3	0	3	0	3	0	3	0	3
AD2	6426	9502	1	0	1	0	1	0	1	0	1	0	1
AEC	8389	9502	1	0	1	0	1	0	1	0	1	0	1
AE1	8379	9502	1	0	1	0	1	0	1	0	1	0	1
AE2	8379	9502	2	0	2	0	2	0	2	0	2	0	2
AE2	8389	9502	1	0	1	0	1	0	1	0	1	0	1
AM1	8378	9502	3	0	3	0	3	0	3	0	3	0	3
AOC	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO1	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO1	8378	9502	5	0	5	0	5	0	5	0	5	0	5
AO2	8378	9502	2	0	2	0	2	0	2	0	2	0	2

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
APO1	8378	9502	1	0	1	0	1	0	1	0	1	0	1
ATC	8376	9502	1	0	1	0	1	0	1	0	1	0	1
ATC	8378	9502	1	0	1	0	1	0	1	0	1	0	1
AT1	8376	9502	9	0	9	0	9	0	9	0	9	0	9
AT1	8379	9502	2	0	2	0	2	0	2	0	2	0	2
AT1	8389	9502	1	0	1	0	1	0	1	0	1	0	1
AT2	8376	9502	1	0	1	0	1	0	1	0	1	0	1
AT2	8379	9502	1	0	1	0	1	0	1	0	1	0	1
AT2	8389	9502	2	0	2	0	2	0	2	0	2	0	2
AVCM		9502	1	0	1	0	1	0	1	0	1	0	1

Chargeable Student Billets ACDU and TAR

0	0	0	27	27	20	47	-1	46	-5	41
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SELRES Billets

ADC	8377		1	0	1	0	1	0	1	0	1	0	1
AD1	8377		3	0	3	0	3	0	3	-3	0	0	0
AD3			4	0	4	0	4	0	4	0	4	0	4
ADAN			4	0	4	0	4	0	4	0	4	0	4
ADAN	6419		1	0	1	0	1	0	1	-1	0	0	0
AEC	8377		1	0	1	0	1	0	1	0	1	0	1
AE1	8377		3	0	3	0	3	0	3	-3	0	0	0
AE2	8377		1	0	1	0	1	0	1	-1	0	0	0
AE3			1	0	1	0	1	0	1	0	1	0	1
AEAN			4	0	4	0	4	0	4	0	4	0	4
AKC			1	0	1	0	1	0	1	0	1	0	1
AK1			1	0	1	0	1	0	1	0	1	0	1
AK2			1	0	1	0	1	0	1	0	1	0	1
AK3			2	0	2	0	2	0	2	0	2	0	2
AMCS			1	0	1	0	1	0	1	0	1	0	1
AMCS	8377		1	0	1	0	1	0	1	-1	0	0	0
AMC	8377		2	0	2	0	2	0	2	-1	1	0	1
AM1	8377		4	0	4	0	4	0	4	-4	0	0	0
AM2	8377		1	0	1	0	1	0	1	-1	0	0	0
AM3			5	0	5	0	5	0	5	-2	3	0	3
AMAN			5	0	5	0	5	0	5	0	5	0	5
AO1			1	0	1	0	1	0	1	0	1	0	1
APO1			1	0	1	0	1	0	1	0	1	0	1
APO2			4	0	4	0	4	0	4	0	4	0	4
APO2	8211	8215	8	0	8	0	8	0	8	-8	0	0	0
APO3	8211	8215	4	0	4	0	4	0	4	-4	0	0	0
APO3	8211		4	0	4	0	4	0	4	-4	0	0	0
ATC			1	0	1	0	1	0	1	0	1	0	1
AT2	8377		1	0	1	0	1	0	1	-1	0	0	0
AT3			3	0	3	0	3	0	3	0	3	0	3
AWCS	7872		1	0	1	0	1	0	1	0	1	0	1
AWC			1	0	1	0	1	0	1	0	1	0	1

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
AW1			1	0	1	0	1	0	1	0	1	0	1
AW2			1	0	1	0	1	0	1	0	1	0	1
AZ1			1	0	1	0	1	0	1	0	1	0	1
AZ3			3	0	3	0	3	0	3	0	3	0	3
AZAN			1	0	1	0	1	0	1	0	1	0	1
DK2			2	0	2	0	2	0	2	0	2	0	2
PO3			1	0	1	0	1	0	1	0	1	0	1
YN2			1	0	1	0	1	0	1	0	1	0	1
YNSN			1	0	1	0	1	0	1	0	1	0	1
AN			27	0	27	0	27	0	27	0	27	0	27

**TOTAL USN ENLISTED BILLETS:**

Operational			1776	0	1776	-24	1752	-27	1725	2	1727	0	1727
Fleet Support			25	0	25	0	25	0	25	0	25	0	25
Staff			54	0	54	0	54	0	54	0	54	0	54
Chargeable Student			0	0	0	27	27	20	47	-1	46	-5	41
SELRES			115	0	115	0	115	0	115	-34	81	0	81

**c. OFFICER - USMC** Not Applicable

**d. ENLISTED - USMC** Not Applicable

**II.B. PERSONNEL REQUIREMENTS**

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** D-600-0811, H-60 Non-Designated Airman/Plane Captain  
**COURSE LENGTH:** 3.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk												
	NAVY	ACDU		0		0		16		15		15
		TOTAL:		0		0		16		15		15

**CIN, COURSE TITLE:** E-600-0811, H-60 Non-Designated Airman/Plane Captain  
**COURSE LENGTH:** 3.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island												
	NAVY	ACDU		0		21		29		27		27
		TAR		0		0		0		1		1
		SELRES		0		0		0		2		2
		TOTAL:		0		21		29		30		30

**CIN, COURSE TITLE:** D-601-0813, H-60 Power Plants and Related Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 2.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk												
	NAVY	ACDU		0		0		16		8		8
		TOTAL:		0		0		16		8		8

**CIN, COURSE TITLE:** E-601-0813, H-60 Power Plants and Related Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 2.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island												
	NAVY	ACDU		0		21		23		16		15
		TAR		0		0		0		4		2
		TOTAL:		0		21		23		20		17

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** D-602-0810, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 5.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk												
	NAVY	ACDU		0		0		22		12		12
		TOTAL:		0		0		22		12		12

**CIN, COURSE TITLE:** E-602-0810, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 5.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island												
	NAVY	ACDU		0		28		36		25		25
		TAR		0		0		0		6		2
		TOTAL:		0		28		36		31		27

**CIN, COURSE TITLE:** D-602-0882, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 2.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.04

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk												
	NAVY	ACDU		0		0		19		10		10
		TOTAL:		0		0		19		10		10

**CIN, COURSE TITLE:** E-602-0882, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 2.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.04

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island												
	NAVY	ACDU		0		11		15		10		10
		TAR		0		0		0		6		2
		TOTAL:		0		11		15		16		12

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** D-602-0883, H-60 Airframes and Related Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 5.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk												
	NAVY	ACDU		0		0		26		14		14
		TOTAL:		0		0		26		14		14

**CIN, COURSE TITLE:** E-602-0883, H-60 Airframes and Related Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 5.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island												
	NAVY	ACDU		0		16		33		22		22
		TAR		0		0		0		3		1
		TOTAL:		0		16		33		25		23

**CIN, COURSE TITLE:** E-2C-3101, CH-60S Fleet Replacement Pilot Category I  
**COURSE LENGTH:** 20.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.41

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HC-3, NAS North Island												
	NAVY	ACDU		0		4		9		16		16
		TAR		0		0		0		1		1
		SELRES		0		0		0		0		1
		TOTAL:		0		4		9		17		18

**CIN, COURSE TITLE:** E-2C-3102, CH-60S Fleet Replacement Pilot Category II  
**COURSE LENGTH:** 18.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.36

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HC-3, NAS North Island												
	NAVY	ACDU		0		19		38		68		68
		TAR		0		0		0		2		2
		SELRES		0		0		0		2		2
		TOTAL:		0		19		38		72		72

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** E-2C-3104, CH-60S Fleet Replacement Pilot Instructor Under Training  
**COURSE LENGTH:** 7.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.15

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HC-3, NAS North Island	NAVY	ACDU	0		20		19		21		21	
		SELRES	0		0		0		0		0	
		TOTAL:	0		20		19		21		21	

**CIN, COURSE TITLE:** E-050-3101, CH-60S Fleet Replacement Aircrewman Category I  
**COURSE LENGTH:** 12.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.24

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HC-3, NAS North Island	NAVY	ACDU		0	14		19		20		20	
		TAR		0	0		0		4		2	
		TOTAL:		0	14		19		24		22	

**CIN, COURSE TITLE:** E-050-3102, CH-60S Fleet Replacement Aircrewman Category II  
**COURSE LENGTH:** 10.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.21

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HC-3, NAS North Island	NAVY	ACDU		0	59		79		81		81	
		TAR		0	0		0		18		7	
		TOTAL:		0	59		79		99		88	

**CIN, COURSE TITLE:** E-102-XXX1, MH-60S Electronics Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 8.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island	NAVY	ACDU		0	13		17		11		11	
		TAR		0	0		0		3		1	
		TOTAL:		0	13		17		14		12	

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** D-102-XXX2, MH-60S Electronics Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 3.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk												
	NAVY	ACDU		0		0		0		4		4
		TOTAL:		0		0		0		4		4

**CIN, COURSE TITLE:** E-102-XXX2, MH-60S Electronics Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 3.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island												
	NAVY	ACDU		0		11		14		10		6
		TAR		0		0		0		3		1
		TOTAL:		0		11		14		13		7

**CIN, COURSE TITLE:** D-602-XXX1, MH-60S Electrical Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 12.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk												
	NAVY	ACDU		0		0		10		6		6
		TOTAL:		0		0		10		6		6

**CIN, COURSE TITLE:** E-602-XXX1, MH-60S Electrical Systems (Initial) Organizational Maintenance  
**COURSE LENGTH:** 12.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island												
	NAVY	ACDU		0		15		19		14		14
		TAR		0		0		0		3		1
		TOTAL:		0		15		19		17		15

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** D-602-XXX2, MH-60S Electrical Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 2.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU (TBD) NAMTRAU Norfolk												
	NAVY	ACDU		0		0		8		4		4
		TOTAL:		0		0		8		4		4

**CIN, COURSE TITLE:** E-602-XXX2, MH-60S Electrical Systems (Career) Organizational Maintenance  
**COURSE LENGTH:** 2.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1022 NAMTRAU North Island												
	NAVY	ACDU		0		8		11		7		7
		TAR		0		0		0		3		1
		TOTAL:		0		8		11		10		8

## PART III - TRAINING REQUIREMENTS

The following elements are not affected by the MH-60S Helicopter and, therefore, are not included in Part III of this NTSP:

III.A.2. Follow-on Training

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

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

**COURSE TITLE:** MH-60S Airframes/Hydraulics and Related Systems Initial Differences Training  
**COURSE DEVELOPER:** Sikorsky Aircraft  
**COURSE INSTRUCTOR:** Sikorsky Aircraft  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** HC-3  
 NAMTRAGRU DET  
 NAMTRAU  
 Transition Team

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAS North Island, 09822	Jan 02		14	Input
			0.2	AOB
			0	Chargeable

**ACTIVITY DESTINATIONS:** NAWCAD Patuxent River

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAWCAD Patuxent River, 39784	Jul 01		2	Input
			0	AOB
			0	Chargeable

**ACTIVITY DESTINATIONS:** NAWCAD Patuxent River

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
Sikorsky, XXXXX	Dec 99		2	Input
			0	AOB
			0	Chargeable

**COURSE TITLE:** MH-60S Automatic Flight Control Systems Initial Differences Training  
**COURSE DEVELOPER:** Sikorsky Aircraft  
**COURSE INSTRUCTOR:** Sikorsky Aircraft  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** HC-3  
 NAMTRAGRU DET  
 NAMTRAU  
 Transition Team

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAS North Island, 09822	Jan 02		9	Input
			0.1	AOB
			0	Chargeable

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

**ACTIVITY DESTINATIONS:** NRWATS  
VX-1

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV
		OFF	ENL		
NAWCAD Patuxent River, 39784	Jul 01		3		Input
			0		AOB
			0		Chargeable

**ACTIVITY DESTINATIONS:** NAWCAD Patuxent River

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV
		OFF	ENL		
Sikorsky, XXXXX	Dec 99		2		Input
			0		AOB
			0		Chargeable

**COURSE TITLE:** MH-60S Electrical/Instruments Systems Initial Differences Training  
**COURSE DEVELOPER:** Sikorsky Aircraft  
**COURSE INSTRUCTOR:** Sikorsky Aircraft  
**COURSE LENGTH:** 10 Days  
**ACTIVITY DESTINATIONS:** HC-3  
 NAMTRAGRU DET  
 NAMTRAU  
 Transition Team

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV
		OFF	ENL		
NAS North Island, 09822	Jan 02		9		Input
			0.2		AOB
			0		Chargeable

**ACTIVITY DESTINATIONS:** NRWATS  
VX-1

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV
		OFF	ENL		
NAWCAD Patuxent River, 39784	Jul 01		3		Input
			0.1		AOB
			0		Chargeable

**ACTIVITY DESTINATIONS:** NAWCAD Patuxent River

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV
		OFF	ENL		
Sikorsky, XXXXX	Dec 99		2		Input
			0.1		AOB
			0		Chargeable

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

**COURSE TITLE:** MH-60S Electronic Systems Initial Differences Training  
**COURSE DEVELOPER:** Sikorsky Aircraft  
**COURSE INSTRUCTOR:** Sikorsky Aircraft  
**COURSE LENGTH:** 20 Days  
**ACTIVITY DESTINATIONS:** HC-3  
 NAMTRAGRU DET  
 NAMTRAU  
 NATEC

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAS North Island, 09822	Jan 02		9	Input
			0.5	AOB
			0	Chargeable

**ACTIVITY DESTINATIONS:** NRWATS  
 VX-1

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAWCAD Patuxent River, 39784	Jul 01		3	Input
			0.2	AOB
			0	Chargeable

**ACTIVITY DESTINATIONS:** NAWCAD Patuxent River

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
Sikorsky, XXXXX	Dec 99		2	Input
			0.1	AOB
			0	Chargeable

**COURSE TITLE:** MH-60S MMH Aircrewman Initial Differences Training  
**COURSE DEVELOPER:** Sikorsky Aircraft  
**COURSE INSTRUCTOR:** Sikorsky Aircraft  
**COURSE LENGTH:** 12 Days  
**ACTIVITY DESTINATIONS:** HC-3

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAS North Island, 09822	Aug 01		12	Input
			0.4	AOB
			0	Chargeable

**COURSE TITLE:** MH-60S Non-Designated Airman/Plane Captain Initial Differences Training  
**COURSE DEVELOPER:** Sikorsky Aircraft  
**COURSE INSTRUCTOR:** Sikorsky Aircraft  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** HC-3  
 NATEC

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAS North Island, 09822	Jan 02		4	Input
			0.1	AOB
			0	Chargeable

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

**COURSE TITLE:** MH-60S Pilot Initial Differences Training  
**COURSE DEVELOPER:** Sikorsky Aircraft  
**COURSE INSTRUCTOR:** Sikorsky Aircraft  
**COURSE LENGTH:** 24 Days  
**ACTIVITY DESTINATIONS:** FIT/HC-3

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAS North Island, 09822	Aug 01	12		Input
		0.8		AOB
		0		Chargeable

**ACTIVITY DESTINATIONS:** VX-1

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAWCAD Patuxent River, 39784	Jun 01	6	6	Input
		0.4	0.4	AOB
		0	0	Chargeable

**ACTIVITY DESTINATIONS:** FIT/HC-3  
 NRWATS  
 VX-1

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
Sikorsky, XXXXX	Dec 99	9	8	Input
		0.6	0.5	AOB
		0	0	Chargeable

**COURSE TITLE:** MH-60S Power Plants and Related Systems Initial Differences Training  
**COURSE DEVELOPER:** Sikorsky Aircraft  
**COURSE INSTRUCTOR:** Sikorsky Aircraft  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** HC-3  
 NAMTRAGRU DET  
 NAMTRAU  
 Transition Team

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAS North Island, 09822	Jan 02		14	Input
			0.2	AOB
			0	Chargeable

**ACTIVITY DESTINATIONS:** NRWATS  
 VX-1

LOCATION, UIC	BEGIN DATE	STUDENTS		CIV
		OFF	ENL	
NAWCAD Patuxent River, 39784	Jul 01		2	Input
			0	AOB
			0	Chargeable

### III.A.1. INITIAL TRAINING REQUIREMENTS

ACTIVITY DESTINATIONS: NAWCAD Patuxent River

LOCATION, UIC	BEGIN DATE	STUDENTS		
		OFF	ENL	CIV
Sikorsky, XXXXX	Dec 99		2	Input
			0	AOB
			0	Chargeable

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

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

**CIN, COURSE TITLE:** D-600-0811, H-60 Non-Designated Airman/Plane Captain  
**TRAINING ACTIVITY:** MTU (TBD) NAMTRAGRU DET  
**LOCATION, UIC:** NAS Norfolk, 00000

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		16		15		15	ATIR
	0		0		14		14		14	Output
	0.0		0.0		1.0		0.9		0.9	AOB
	0.0		0.0		1.0		0.9		0.9	Chargeable

**CIN, COURSE TITLE:** E-600-0811, H-60 Non-Designated Airman/Plane Captain  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		21		29		28		28	ATIR
	0		19		26		25		25	Output
	0.0		1.3		1.8		1.8		1.8	AOB
	0.0		1.3		1.8		1.8		1.8	Chargeable

**SOURCE:** NAVY **STUDENT CATEGORY:** SELRES

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		0		2		2	ATIR
	0		0		0		2		2	Output
	0.0		0.0		0.0		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** D-601-0813, H-60 Power Plants and Related Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU (TBD) NAMTRAGRU DET  
**LOCATION, UIC:** NAS Norfolk, 00000

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		16		8		8	ATIR
	0		0		14		7		7	Output
	0.0		0.0		0.7		0.3		0.3	AOB
	0.0		0.0		0.7		0.3		0.3	Chargeable

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

**CIN, COURSE TITLE:** E-601-0813, H-60 Power Plants and Related Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		21		23		20		17		ATIR
0		19		21		18		15		Output
0.0		0.9		1.0		0.9		0.8		AOB
0.0		0.9		1.0		0.9		0.8		Chargeable

**CIN, COURSE TITLE:** D-602-0810, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU (TBD) NAMTRAGRU DET  
**LOCATION, UIC:** NAS Norfolk, 00000

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		22		12		12		ATIR
0		0		20		11		11		Output
0.0		0.0		2.1		1.2		1.2		AOB
0.0		0.0		2.1		1.2		1.2		Chargeable

**CIN, COURSE TITLE:** E-602-0810, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		28		36		31		27		ATIR
0		25		32		28		24		Output
0.0		2.7		3.4		3.0		2.6		AOB
0.0		2.7		3.4		3.0		2.6		Chargeable

**CIN, COURSE TITLE:** D-602-0882, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU (TBD) NAMTRAGRU DET  
**LOCATION, UIC:** NAS Norfolk, 00000

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		19		10		10		ATIR
0		0		17		9		9		Output
0.0		0.0		0.7		0.4		0.4		AOB
0.0		0.0		0.7		0.4		0.4		Chargeable

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

**CIN, COURSE TITLE:** E-602-0882, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		11		15		16		12		ATIR
0		10		14		14		11		Output
0.0		0.4		0.6		0.6		0.5		AOB
0.0		0.4		0.6		0.6		0.5		Chargeable

**CIN, COURSE TITLE:** D-602-0883, H-60 Airframes and Related Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU (TBD) NAMTRAGRU DET  
**LOCATION, UIC:** NAS Norfolk, 00000

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		26		14		14		ATIR
0		0		23		13		13		Output
0.0		0.0		2.4		1.3		1.3		AOB
0.0		0.0		2.4		1.3		1.3		Chargeable

**CIN, COURSE TITLE:** E-602-0883, H-60 Airframes and Related Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		16		33		25		23		ATIR
0		14		30		23		21		Output
0.0		1.5		3.1		2.4		2.2		AOB
0.0		1.5		3.1		2.4		2.2		Chargeable

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

**CIN, COURSE TITLE:** E-2C-3101, CH-60S Fleet Replacement Pilot Category I  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		4		9		17		17		ATIR
0		4		9		17		17		Output
0.0		1.6		3.5		6.6		6.6		AOB
0.0		1.6		3.5		6.6		6.6		Chargeable

**SOURCE:** NAVY **STUDENT CATEGORY:** SELRES

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		0		0		1		ATIR
0		0		0		0		1		Output
0.0		0.0		0.0		0.0		0.4		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

**CIN, COURSE TITLE:** E-2C-3102, CH-60S Fleet Replacement Pilot Category II  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		19		38		70		70		ATIR
0		19		38		70		70		Output
0.0		6.6		13.3		24.4		24.4		AOB
0.0		6.6		13.3		24.4		24.4		Chargeable

**SOURCE:** NAVY **STUDENT CATEGORY:** SELRES

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		0		2		2		ATIR
0		0		0		2		2		Output
0.0		0.0		0.0		0.7		0.7		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

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

**CIN, COURSE TITLE:** E-2C-3104, CH-60S Fleet Replacement Pilot Instructor Under Training  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		20		19		21		21		ATIR
0		20		19		21		21		Output
0.0		2.8		2.7		3.0		3.0		AOB
0.0		2.8		2.7		3.0		3.0		Chargeable

**CIN, COURSE TITLE:** E-050-3101, CH-60S Fleet Replacement Aircrewman Category I  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		14		19		24		22		ATIR
0		13		17		22		20		Output
0.0		3.0		4.1		5.2		4.7		AOB
0.0		3.0		4.1		5.2		4.7		Chargeable

**CIN, COURSE TITLE:** E-050-3102, CH-60S Fleet Replacement Aircrewman Category II  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		59		79		99		88		ATIR
0		53		71		89		79		Output
0.0		11.2		15.1		18.9		16.8		AOB
0.0		11.2		15.1		18.9		16.8		Chargeable

**CIN, COURSE TITLE:** E-102-XXX1, MH-60S Electronics Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		13		17		14		12		ATIR
0		12		15		13		11		Output
0.0		1.9		2.5		2.0		1.7		AOB
0.0		1.9		2.5		2.0		1.7		Chargeable

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

**CIN, COURSE TITLE:** D-102-XXX2, MH-60S Electronics Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU (TBD) NAMTRAGRU DET  
**LOCATION, UIC:** NAS Norfolk, 00000

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		0		4		4		ATIR
0		0		0		4		4		Output
0.0		0.0		0.0		0.3		0.3		AOB
0.0		0.0		0.0		0.3		0.3		Chargeable

**CIN, COURSE TITLE:** E-102-XXX2, MH-60S Electronics Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		11		14		13		7		ATIR
0		10		13		12		6		Output
0.0		0.7		0.9		0.8		0.5		AOB
0.0		0.7		0.9		0.8		0.5		Chargeable

**CIN, COURSE TITLE:** D-602-XXX1, MH-60S Electrical Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU (TBD) NAMTRAGRU DET  
**LOCATION, UIC:** NAS Norfolk, 00000

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		10		6		6		ATIR
0		0		9		5		5		Output
0.0		0.0		2.2		1.3		1.3		AOB
0.0		0.0		2.2		1.3		1.3		Chargeable

**CIN, COURSE TITLE:** E-602-XXX1, MH-60S Electrical Systems (Initial) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		15		19		17		15		ATIR
0		14		17		15		13		Output
0.0		3.4		4.3		3.9		3.4		AOB
0.0		3.4		4.3		3.9		3.4		Chargeable

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

**CIN, COURSE TITLE:** D-602-XXX2, MH-60S Electrical Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU (TBD) NAMTRAGRU DET  
**LOCATION, UIC:** NAS Norfolk, 00000

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		8		4		4	ATIR
	0		0		7		4		4	Output
	0.0		0.0		0.4		0.2		0.2	AOB
	0.0		0.0		0.4		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** E-602-XXX2, MH-60S Electrical Systems (Career) Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

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

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		8		11		10		8	ATIR
	0		7		10		9		7	Output
	0.0		0.4		0.5		0.4		0.3	AOB
	0.0		0.4		0.5		0.4		0.3	Chargeable

## PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the MH-60S Helicopter 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

**IV.A. TRAINING HARDWARE**

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

**CIN, COURSE TITLE:** C-600-3408, H-60 Non-Designated Airman/Plane Captain (Track D-600-0811)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Apr 01	GFE	Pending

**CIN, COURSE TITLE:** C-600-3408, H-60 Non-Designated Airman/Plane Captain (Track D-600-0811)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU

**LOCATION, UIC:** NAS Mayport or NAS Jacksonville, respectively, 660XX

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Nov 96	GFE	Onboard

**CIN, COURSE TITLE:** C-600-3408, H-60 Non-Designated Airman/Plane Captain (Track E-600-0811)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-601-9407, H-60 Power Plants and Related Systems (Career) Organizational Maintenance (Track D-601-0813)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0015	Shipboard Stand	1	Apr 01	GFE	Pending
0016	Main Rotorhead Removal Set	1	Apr 01	GFE	Pending
0017	Adapter Main/Tail Rotor	1	Apr 01	GFE	Pending

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

0018	Transportation Adapter	1	Apr 01	GFE	Pending
0019	Cart Adapter	1	Apr 01	GFE	Pending
0020	Transport Cart	1	Apr 01	GFE	Pending
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Apr 01	GFE	Pending
0004	VATS Main Processor A/E37T-32	1	Apr 01	GFE	Pending
<b>SPTE</b>					
0030	AP 36T-7 Set, Rigid Borescope	1	Apr 01	GFE	Pending

**CIN, COURSE TITLE:** C-601-9407, H-60 Power Plants and Related Systems (Career) Organizational Maintenance  
(Track D-601-0813)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU

**LOCATION, UIC:** NAS Mayport or NAS Jacksonville, respectively, 660XX

<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>					
0015	Shipboard Stand	1	Nov 96	GFE	Onboard
0016	Main Rotorhead Removal Set	1	Nov 96	GFE	Onboard
0017	Adapter Main/Tail Rotor	1	Nov 96	GFE	Onboard
0018	Transportation Adapter	1	Nov 96	GFE	Onboard
0019	Cart Adapter	1	Nov 96	GFE	Onboard
0020	Transport Cart	1	Nov 96	GFE	Onboard
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Nov 96	GFE	Onboard
0004	VATS Main Processor A/E37T-32	1	Nov 96	GFE	Onboard
<b>SPTE</b>					
0030	AP 36T-7 Set, Rigid Borescope	1	Nov 96	GFE	Onboard

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

**CIN, COURSE TITLE:** C-601-9407, H-60 Power Plants and Related Systems (Career) Organizational Maintenance  
(Track E-601-0813)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0015	Shipboard Stand	1	Nov 96	GFE	Onboard
0016	Main Rotorhead Removal Set	1	Nov 96	GFE	Onboard
0017	Adapter Main/Tail Rotor	1	Nov 96	GFE	Onboard
0018	Transportation Adapter	1	Nov 96	GFE	Onboard
0019	Cart Adapter	1	Nov 96	GFE	Onboard
0020	Transport Cart	1	Nov 96	GFE	Onboard
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Nov 96	GFE	Onboard
0004	VATS Main Processor A/E37T-32	1	Nov 96	GFE	Onboard
<b>SPTE</b>					
0030	AP 36T-7 Set, Rigid Borescope	1	Nov 96	GFE	Onboard

**CIN, COURSE TITLE:** C-601-9408, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
(Track D-602-0810)

**TRAINING ACTIVITY:** MTU (TBD NAMTRAU)

**LOCATION, UIC:** NAS Norfolk, 00000

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0015	Shipboard Stand	1	Apr 01	GFE	Pending
0016	Main Rotorhead Removal Set	1	Apr 01	GFE	Pending
0017	Adapter Main/Tail Rotor	1	Apr 01	GFE	Pending
0018	Transportation Adapter	1	Apr 01	GFE	Pending
0019	Cart Adapter	1	Apr 01	GFE	Pending
0020	Transport Cart	1	Apr 01	GFE	Onboard

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

**GPTE**

0001	Test Set Blade Fold TTU-4	1	Apr 01	GFE	Onboard
0004	VATS Main Processor A/E37T-32	1	Apr 01	GFE	Onboard

**SPTE**

0030	AP 36T-7 Set, Rigid Borescope	1	Apr 01	GFE	Onboard
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**CIN, COURSE TITLE:** C-601-9408, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
(Track D-602-0810)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU

**LOCATION, UIC:** NAS Mayport or NAS Jacksonville, respectively, 660XX

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
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**TTE**

0015	Shipboard Stand	1	Nov 96	GFE	Onboard
0016	Main Rotorhead Removal Set	1	Nov 96	GFE	Onboard
0017	Adapter Main/Tail Rotor	1	Nov 96	GFE	Onboard
0018	Transportation Adapter	1	Nov 96	GFE	Onboard
0019	Cart Adapter	1	Nov 96	GFE	Onboard
0020	Transport Cart	1	Nov 96	GFE	Onboard

**GPTE**

0001	Test Set Blade Fold TTU-4	1	Nov 96	GFE	Onboard
0004	VATS Main Processor A/E37T-32	1	Nov 96	GFE	Onboard

**SPTE**

0030	AP 36T-7 Set, Rigid Borescope	1	Nov 96	GFE	Onboard
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**CIN, COURSE TITLE:** C-601-9408, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
(Track E-602-0810)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
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**TTE**

0015	Shipboard Stand	1	Nov 96	GFE	Onboard
0016	Main Rotorhead Removal Set	1	Nov 96	GFE	Onboard

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

0017	Adapter Main/Tail Rotor	1	Nov 96	GFE	Onboard
0018	Transportation Adapter	1	Nov 96	GFE	Onboard
0019	Cart Adapter	1	Nov 96	GFE	Onboard
0020	Transport Cart	1	Nov 96	GFE	Onboard

**GPTE**

0001	Test Set Blade Fold TTU-4	1	Nov 96	GFE	Onboard
0004	VATS Main Processor A/E37T-32	1	Nov 96	GFE	Onboard

**SPTE**

0030	AP 36T-7 Set, Rigid Borescope	1	Nov 96	GFE	Onboard
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**CIN, COURSE TITLE:** C-602-9407, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
(Track D-602-0882)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
0053	Rigging Kit	1	Apr 01	GFE	Pending
0054	Bushing Installation/Removal Tool Set	1	Apr 01	GFE	Pending

**CIN, COURSE TITLE:** C-602-9407, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
(Track D-602-0882)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU

**LOCATION, UIC:** NAS Mayport or NAS Jacksonville, respectively, 660XX

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
0053	Rigging Kit	1	Nov 96	GFE	Onboard
0054	Bushing Installation/Removal Tool Set	1	Dec 96	GFE	Onboard

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

**CIN, COURSE TITLE:** C-602-9407, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
(Track E-602-0882)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
0053	Rigging Kit	1	Nov 96	GFE	Onboard
0054	Bushing Installation/Removal Tool Set	1	Dec 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-9408, H-60 Airframes and Related Systems (Initial) Organizational Maintenance  
(Track D-602-0883)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
0053	Rigging Kit	1	Apr 01	GFE	Pending
0054	Bushing Installation/Removal Tool Set	1	Apr 01	GFE	Pending
0055	Strut Assembly Pylon Fold	1	Apr 01	GFE	Pending
0056	Pole Assembly Manual Pylon Fold	1	Apr 01	GFE	Pending
0057	Valve Assembly, Rotor Bleed	1	Apr 01	GFE	Pending
0058	Restrainer Assembly, MRH Damper	1	Apr 01	GFE	Pending
0059	Blade Check and Fill Assembly	1	Apr 01	GFE	Pending

**CIN, COURSE TITLE:** C-602-9408, H-60 Airframes and Related Systems (Initial) Organizational Maintenance  
(Track D-602-0883)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU

**LOCATION, UIC:** NAS Mayport or NAS Jacksonville, respectively, 660XX

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
0053	Rigging Kit	1	Nov 96	GFE	Onboard
0054	Bushing Installation/Removal Tool Set	1	Dec 96	GFE	Onboard
0055	Strut Assembly Pylon Fold	1	Jul 96	GFE	Onboard

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

0056	Pole Assembly Manual Pylon Fold	1	Jul 96	GFE	Onboard
0057	Valve Assembly, Rotor Bleed	1	Jul 96	GFE	Onboard
0058	Restrainer Assembly, MRH Damper	1	Jul 96	GFE	Onboard
0059	Blade Check and Fill Assembly	1	Jul 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-9408, H-60 Airframes and Related Systems (Initial) Organizational Maintenance  
(Track E-602-0883)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
0053	Rigging Kit	1	Nov 96	GFE	Onboard
0054	Bushing Installation/Removal Tool Set	1	Dec 96	GFE	Onboard
0055	Strut Assembly Pylon Fold	1	Jul 96	GFE	Onboard
0056	Pole Assembly Manual Pylon Fold	1	Jul 96	GFE	Onboard
0057	Valve Assembly, Rotor Bleed	1	Jul 96	GFE	Onboard
0058	Restrainer Assembly, MRH Damper	1	Jul 96	GFE	Onboard
0059	Blade Check and Fill Assembly	1	Jul 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-XXX1, MH-60S Electrical Systems (Initial) Organizational Maintenance (Track D-602-XXX1)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Apr 01	GFE	Pending
0002	Stabilator/SAS Line Test Set	1	Apr 01	GFE	Pending
0003	TTU-205C/E Test Set	1	Apr 01	GFE	Pending
<b>ST</b>					
0050	Stabilator Rigging Assembly	1	Apr 01	GFE	Pending
0051	Fixture Handling Radar	1	Apr 01	GFE	Pending

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

0052 Cable Angle Sensor 1 Apr 01 GFE Pending

**GPETE**

0070 Digital Multimeter 1 Apr 01 GFE Pending

0071 TTU-378E Test Set Indicator 1 Apr 01 GFE Pending

0073 Magnetic Compass Calibration Test Set 1 Apr 01 GFE Pending

**SPETE**

0090 Blade De-ice Test Kit 1 Apr 01 GFE Pending

0091 APU Test Set 1 Apr 01 GFE Pending

**CIN, COURSE TITLE:** C-602-XXX1, MH-60S Electrical Systems (Initial) Organizational Maintenance (Track D-602-XXX1)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU

**LOCATION, UIC:** NAS Mayport or NAS Jacksonville, respectively, 660XX

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Jun 96	GFE	Onboard
0002	Stabilator/SAS Line Test Set	1	Dec 96	GFE	Onboard
0003	TTU-205C/E Test Set	1	Dec 96	GFE	Onboard
<b>ST</b>					
0050	Stabilator Rigging Assembly	1	Dec 96	GFE	Onboard
0051	Fixture Handling Radar	1	Dec 96	GFE	Onboard
0052	Cable Angle Sensor	1	Dec 97	GFE	Onboard
<b>GPETE</b>					
0070	Digital Multimeter	1	Dec 96	GFE	Onboard
0071	TTU-378E Test Set Indicator	1	Dec 96	GFE	Onboard
0073	Magnetic Compass Calibration Test Set	1	Dec 97	GFE	Onboard
<b>SPETE</b>					
0090	Blade De-ice Test Kit	1	Jan 97	GFE	Onboard
0091	APU Test Set	1	Dec 97	GFE	Onboard

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

**CIN, COURSE TITLE:** C-602-XXX1, MH-60S Electrical Systems (Initial) Organizational Maintenance (Track E-602-XXX1)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

<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>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Jun 96	GFE	Onboard
0002	Stabilator/SAS Line Test Set	1	Dec 96	GFE	Onboard
0003	TTU-205C/E Test Set	1	Dec 96	GFE	Onboard
<b>ST</b>					
0050	Stabilator Rigging Assembly	1	Dec 96	GFE	Onboard
0051	Fixture Handling Radar	1	Dec 96	GFE	Onboard
0052	Cable Angle Sensor	1	Dec 97	GFE	Onboard
<b>GPETE</b>					
0070	Digital Multimeter	1	Dec 96	GFE	Onboard
0071	TTU-378E Test Set Indicator	1	Dec 96	GFE	Onboard
0073	Magnetic Compass Calibration Test Set	1	Dec 97	GFE	Onboard
<b>SPETE</b>					
0090	Blade De-ice Test Kit	1	Jan 97	GFE	Onboard
0091	APU Test Set	1	Dec 97	GFE	Onboard

**CIN, COURSE TITLE:** C-602-XXX2, MH-60S Electrical Systems (Career) Organizational Maintenance (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

<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>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Apr 01	GFE	Onboard
0002	Stabilator/SAS Line Test Set	1	Apr 01	GFE	Onboard
0003	TTU-205C/E Test Set	1	Apr 01	GFE	Pending
<b>ST</b>					
0050	Stabilator Rigging Assembly	1	Apr 01	GFE	Pending

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

0051	Fixture Handling Radar	1	Apr 01	GFE	Pending
<b>GPETE</b>					
0070	Digital Multimeter	1	Apr 01	GFE	Pending
0071	TTU-378E Test Set Indicator	1	Apr 01	GFE	Pending
0072	Electronic System Test Set	1	Apr 01	GFE	Pending

**CIN, COURSE TITLE:** C-602-XXX2, MH-60S Electrical Systems (Career) Organizational Maintenance (Track D-602-XXX2)  
**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU  
**LOCATION, UIC:** NAS Mayport or NAS Jacksonville, respectively, 660XX

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Jun 96	GFE	Onboard
0002	Stabilator/SAS Line Test Set	1	Dec 96	GFE	Onboard
0003	TTU-205C/E Test Set	1	Nov 96	GFE	Onboard
<b>ST</b>					
0050	Stabilator Rigging Assembly	1	Dec 96	GFE	Onboard
0051	Fixture Handling Radar	1	Dec 96	GFE	Onboard
<b>GPETE</b>					
0070	Digital Multimeter	1	Dec 96	GFE	Onboard
0071	TTU-378E Test Set Indicator	1	Dec 96	GFE	Onboard
0072	Electronic System Test Set	1	Dec 97	GFE	Onboard

**CIN, COURSE TITLE:** C-602-XXX2, MH-60S Electrical Systems (Career) Organizational Maintenance (Track E-602-XXX2)  
**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC:** NAS North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0001	Test Set Blade Fold TTU-4	1	Jun 96	GFE	Onboard
0002	Stabilator/SAS Line Test Set	1	Dec 96	GFE	Onboard
0003	TTU-205C/E Test Set	1	Nov 96	GFE	Onboard

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

**ST**

0050 Stabilator Rigging Assembly 1 Dec 96 GFE Onboard

0051 Fixture Handling Radar 1 Dec 96 GFE Onboard

**GPETE**

0070 Digital Multimeter 1 Dec 96 GFE Onboard

0071 TTU-378E Test Set Indicator 1 Dec 96 GFE Onboard

0072 Electronic System Test Set 1 Dec 97 GFE Onboard

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

**DEVICE:** Tactical/Operational Flight Trainer  
**DESCRIPTION:** The T/OFT will be a non-motion based flight simulator that supports Pilot and Co-Pilot tactics, navigation, equipment malfunction, communications, aircrew coordination, and emergency procedures training. The visual system will include a day-night image generator, databases, and night vision device compatibility. Full weapon system functionality will be provided with the cockpit providing full tactile sensations. There are currently two SH-60B T/OFTs under construction. Both of these trainers will be modified to MH-60S/SH-60R T/OFTs. Additionally, four T/OFTs will be manufactured.

**MANUFACTURER:** Lockheed Martin Corporation  
**CONTRACT NUMBER:** TBD  
**TEE STATUS:** Pending

**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC :** NAS North Island, 09822

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Sep 00	Aug 01	Onboard	E-2C-3101 E-2C-3102 E-2C-3103 E-2C-3104 E-050-3101 E-050-3102 E-050-3103 E-050-3104
1	Aug 06	Aug 07	Pending	E-2C-3101 E-2C-3102 E-2C-3103 E-2C-3104 E-050-3101 E-050-3102 E-050-3103 E-050-3104

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

**DEVICE:** Weapons System Trainer  
**DESCRIPTION:** The WST is a simulation system that will feature full flight fidelity. The WST is composed of a front cockpit OFT and a rear cabin Sensor Operator/Acoustic Trainer. When these trainers are linked for tactical operations they are designated WSTs. The visual systems will include a day-night image generator, databases, and night vision device compatibility. Full weapon system functionality will be provided with the cockpit providing full tactile sensations. There are currently eight H-60 WSTs, four SH-60F and four SH-60B. All WSTs will be modified to SH-60R configuration.

**MANUFACTURER:** Sikorsky Aircraft Division  
**CONTRACT NUMBER:** TBD  
**TEE STATUS:** Pending

**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC :** NAS North Island, 09822

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 03	Jun 04	Pending	E-2C-3101 E-2C-3102 E-2C-3103 E-2C-3104
1	Jun 04	Jun 05	Pending	E-2C-3101 E-2C-3102 E-2C-3103 E-2C-3104
1	Jun 05	Jun 06	Pending	E-2C-3101 E-2C-3102 E-2C-3103 E-2C-3104
1	Jun 08	Jun 09	Pending	E-2C-3101 E-2C-3102 E-2C-3103 E-2C-3104

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

**DEVICE:** H-60 AFCS Trainer  
**DESCRIPTION:** The AFCS Maintenance Trainer consists of a single training unit. The training device is used to instruct and provide practical experience in the maintenance and adjustments of the AFCS using the applicable support equipment in accordance with the applicable manuals. The AFCS training device will require a modification to the electrical systems for the MH-60S.

**MANUFACTURER:** Sikorsky Aircraft Division  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU  
**LOCATION, UIC :** NAS Norfolk, 00000

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Jul 02	Oct 02	Pending	C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU  
**LOCATION, UIC :** NAS Mayport or NAS Jacksonville, respectively, 660XX

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Jan 01	Jan 01	Onboard	C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC :** NAS North Island, 66065

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Jan 01	Jan 01	Onboard	C-602-XXX1 (Track E-602-XXX1) C-602-XXX2 (Track E-602-XXX2)

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

**DEVICE:** H-60 Composite Maintenance Trainer  
**DESCRIPTION:** The H-60 Composite Trainer is used to instruct, demonstrate malfunctions, and provide practical experience in the maintenance and adjustment of H-60 systems. The Composite Trainer will require a modification to the electrical systems for the MH-60S.  
**MANUFACTURER:** Sikorsky Aircraft Division  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU  
**LOCATION, UIC :** NAS Norfolk, 00000

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 02	Oct 02	Pending	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU  
**LOCATION, UIC :** NAS Mayport or NAS Jacksonville, respectively, 660XX

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 01	Jan 01	Onboard	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC :** NAS North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 01	Jan 01	Onboard	C-601-9407 (Track E-601-0813) C-601-9408 (Track E-602-0810) C-603-9407 (Track E-602-0882) C-603-9408 (Track E-602-0883) C-602-XXX1 (Track E-602-XXX1) C-602-XXX2 (Track E-602-XXX2)

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

**DEVICE:** H-60 Landing Gear Trainer  
**DESCRIPTION:** The H-60 Landing Gear Trainer contains mechanical, hydraulic, and electrical elements related to the landing gear, wheel brake, and floatation systems. No modifications will be required to support MH-60S training.  
**MANUFACTURER:** Sikorsky Aircraft Division  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU  
**LOCATION, UIC :** NAS Norfolk, 00000

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 02	Oct 02	Pending	C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU  
**LOCATION, UIC :** NAS Mayport or NAS Jacksonville, respectively, 660XX

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 01	Jan 01	Onboard	C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC :** NAS North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 01	Jan 01	Onboard	C-603-9407 (Track E-602-0882) C-603-9408 (Track E-602-0883) C-602-XXX1 (Track E-602-XXX1) C-602-XXX2 (Track E-602-XXX2)

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

**DEVICE:** H-60 Main Rotor Blade/BIM Service Trainer  
**DESCRIPTION:** The H-60 Rotor Blade/BIM Maintenance Trainer consists of a stand containing a simulated spindle and a foreshortened H-60 rotor blade. The rotor blade contains an operational blade inspection. No modifications will be required to support MH-60S training.  
**MANUFACTURER:** Sikorsky Aircraft Division  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU  
**LOCATION, UIC :** NAS Norfolk, 00000

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 02	Oct 02	Pending	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU  
**LOCATION, UIC :** NAS Mayport or NAS Jacksonville, respectively, 660XX

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 01	Jan 01	Onboard	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC :** NAS North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 01	Jan 01	Pending	C-601-9407 (Track D-601-0813) C-601-9408 (Track E-602-0810) C-603-9407 (Track E-602-0882) C-603-9408 (Track D-602-0883)

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

**DEVICE:** H-60 RAST/Tailwheel/Hoist Maintenance Trainer  
**DESCRIPTION:** The RAST/Tailwheel/Hoist Maintenance Trainer contains mechanical, hydraulic, and electrical elements related to the H-60 RAST, Tailwheel, and Rescue Hoist systems. No modifications will be required to support MH-60S training.  
**MANUFACTURER:** Sikorsky Aircraft Division  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU  
**LOCATION, UIC :** NAS Norfolk, 00000

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jul 02	Oct 02	Pending	C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU  
**LOCATION, UIC :** NAS Mayport or NAS Jacksonville, respectively, 660XX

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 01	Jan 01	Onboard	C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC :** NAS North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 01	Jan 01	Onboard	C-603-9407 (Track E-602-0882) C-603-9408 (Track E-602-0883) C-602-XXX1 (Track E-602-XXX1) C-602-XXX2 (Track E-602-XXX2)

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

**DEVICE:** H-60 Starboard Engine Trainer  
**DESCRIPTION:** The Starboard Engine Trainer is used to demonstrate engine set-up, installation, removal, and control system adjustments using the applicable support equipment in accordance with the applicable maintenance manuals. Actual related systems were used in the design and manufacture of the training device. No modifications will be required to support MH-60S training.

**MANUFACTURER:** Sikorsky Aircraft Division  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU  
**LOCATION, UIC :** NAS Norfolk, 00000

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Aug 02	Aug 02	Onboard	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU  
**LOCATION, UIC :** NAS Mayport or NAS Jacksonville, respectively, 660XX

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Jan 01	Jan 01	Onboard	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC :** NAS North Island, 66065

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Jan 01	Jan 01	Onboard	C-601-9407 (Track E-601-0813) C-601-9408 (Track E-602-0810) C-602-XXX1 (Track E-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

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

**DEVICE:** MMH Common Cockpit (AMT)  
**DESCRIPTION:** The MMH Common Cockpit AMT provides for training the AEs and ATs to maintain the H-60R/S avionics systems. The AMT will consist of "simulated form-fit-feel" avionics components capable of displaying faults via Instructor insertion. It will also be provisioned with a diagnostic IETM troubleshooting capability. The MMH AMT will be a newly manufactured training device.  
**MANUFACTURER:** Sikorsky Aircraft Division  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU  
**LOCATION, UIC :** NAS Norfolk, 00000

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Jul 02	Oct 02	Pending	C-102-XXX1 (Track D-102-XXX1) C-102-XXX2 (Track D-102-XXX2) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 10XX NAMTRAGRU DET or NAMTRAU  
**LOCATION, UIC :** NAS Mayport or NAS Jacksonville, respectively, 660XX

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Sep 02	Oct 02	Pending	C-102-XXX1 (Track D-102-XXX1) C-102-XXX2 (Track D-102-XXX2) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU  
**LOCATION, UIC :** NAS North Island, 66065

QTY	DATE	RFT		COURSES
REQD	REQD	DATE	STATUS	SUPPORTED
1	Jan 01	Jan 01	Onboard	C-102-XXX1 (Track E-102-XXX1) C-102-XXX2 (Track E-102-XXX2) C-602-XXX1 (Track D-602-XXX1) C-602-XXX2 (Track E-602-XXX2)

#### IV.B. COURSEWARE REQUIREMENTS

##### IV.B.1. TRAINING SERVICES

COURSE / TYPE OF TRAINING	SCHOOL LOCATION, UIC	NO. OF PERSONNEL	MAN WEEKS REQUIRED	DATE BEGIN
MH-60S Airframes/Hydraulics and Related Systems Initial Differences Training	NAWCAD Patuxent River, 39784	1	1.0	Jul 01
MH-60S Airframes/Hydraulics and Related Systems Initial Differences Training	Sikorsky, XXXXX	1	1.0	Dec 99
MH-60S Airframes/Hydraulics and Related Systems Initial Differences Training	NAS North Island, 09822	1	1.0	Jan 02
MH-60S Automatic Flight Control Systems Initial Differences Training	NAS North Island, 09822	1	1.0	Jan 02
MH-60S Automatic Flight Control Systems Initial Differences Training	NAWCAD Patuxent River, 39784	1	1.0	Jul 01
MH-60S Automatic Flight Control Systems Initial Differences Training	Sikorsky, XXXXX	1	1.0	Dec 99
MH-60S Electrical/Instruments Systems Initial Differences Training	Sikorsky, XXXXX	1	1.6	Dec 99
MH-60S Electrical/Instruments Systems Initial Differences Training	NAS North Island, 09822	1	1.6	Jan 02
MH-60S Electrical/Instruments Systems Initial Differences Training	NAWCAD Patuxent River, 39784	1	1.6	Jul 01
MH-60S Electronic Systems Initial Differences Training	NAWCAD Patuxent River, 39784	1	3.2	Jul 01
MH-60S Electronic Systems Initial Differences Training	Sikorsky, XXXXX	1	3.2	Dec 99
MH-60S Electronic Systems Initial Differences Training	NAS North Island, 09822	1	3.2	Jan 02
MH-60S MMH Aircrewman Initial Differences Training	NAS North Island, 09822	2	4.0	Aug 01
MH-60S Non-Designated Airman/Plane Captain Initial Differences Training	NAS North Island, 09822	1	1.0	Jan 02
MH-60S Pilot Initial Differences Training	NAWCAD Patuxent River, 39784	2	7.2	Jun 01

#### 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>
MH-60S Pilot Initial Differences Training	NAS North Island, 09822	2	7.2	Aug 01
MH-60S Pilot Initial Differences Training	Sikorsky, XXXXX	2	7.2	Dec 99
MH-60S Power Plants and Related Systems Initial Differences Training	Sikorsky, XXXXX	1	1.0	Dec 99
MH-60S Power Plants and Related Systems Initial Differences Training	NAS North Island, 09822	2	2.0	Jan 02
MH-60S Power Plants and Related Systems Initial Differences Training	NAWCAD Patuxent River, 39784	1	1.0	Jul 01

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

**CIN, COURSE TITLE:** C-601-9407, H-60 Power Plants and Related Systems (Career) Organizational Maintenance  
(Track D-601-0813)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Updated CAI to include the MH-60S	3	Oct 03	Pending

**CIN, COURSE TITLE:** C-601-9407, H-60 Power Plants and Related Systems (Career) Organizational Maintenance  
(Track E-601-0813)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Updated CAI to include the MH-60S	3	Mar 02	Pending

**CIN, COURSE TITLE:** C-601-9408, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
(Track D-602-0810)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Updated CAI to include the MH-60S	3	Oct 03	Pending

**CIN, COURSE TITLE:** C-601-9408, H-60 Power Plants and Related Systems (Initial) Organizational Maintenance  
(Track E-602-0810)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Updated CAI to include the MH-60S	3	Mar 02	Pending

**CIN, COURSE TITLE:** C-603-9407, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
(Track D-602-0882)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Updated CAI to include the MH-60S	3	Oct 03	Pending

**CIN, COURSE TITLE:** C-603-9407, H-60 Airframes and Related Systems (Career) Organizational Maintenance  
(Track E-602-0882)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Updated CAI to include the MH-60S	3	Mar 02	Pending

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

**CIN, COURSE TITLE:** C-603-9408, H-60 Airframes and Related Systems (Initial) Organizational Maintenance (Track D-602-0883)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Updated CAI to include the MH-60S	3	Oct 03	Pending

**CIN, COURSE TITLE:** C-603-9408, H-60 Airframes and Related Systems (Initial) Organizational Maintenance (Track E-602-0883)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Updated CAI to include the MH-60S	3	Mar 02	Pending

**CIN, COURSE TITLE:** C-102-XXX1, MH-60S Electronics Systems (Initial) Organizational Maintenance (Track D-102-XXX1)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CAI for MH-60S Avionics Systems	3	Oct 03	Pending
Curriculum Outline with Reproducible Master Copy	50	Oct 03	Pending
Instructor Guides	3	Oct 03	Pending
Student Evaluation Forms with Reproducible Master	50	Oct 03	Pending
Student Workbooks	10	Oct 03	Pending

**CIN, COURSE TITLE:** C-102-XXX1, MH-60S Electronics Systems (Initial) Organizational Maintenance (Track E-102-XXX1)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CAI for MH-60S Avionics Systems	3	Oct 03	Pending
Curriculum Outline with Reproducible Master Copy	50	Oct 03	Pending
Instructor Guides	3	Oct 03	Pending
Student Evaluation Forms with Reproducible Master	50	Oct 03	Pending
Student Workbooks	10	Oct 03	Pending

**CIN, COURSE TITLE:** C-102-XXX2, MH-60S Electronics Systems (Career) Organizational Maintenance (Track D-102-XXX2)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CAI for MH-60S Avionics Systems	3	Oct 03	Pending
Curriculum Outline with Reproducible Master Copy	50	Oct 03	Pending
Instructor Guides	3	Oct 03	Pending
Student Evaluation Forms with Reproducible Master	50	Oct 03	Pending
Student Workbooks	10	Oct 03	Pending

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

**CIN, COURSE TITLE:** C-102-XXX2, MH-60S Electronics Systems (Career) Organizational Maintenance (Track E-102-XXX2)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
CAI for MH-60S Avionics Systems	3	Oct 03	Pending
Curriculum Outline with Reproducible Master Copy	50	Oct 03	Pending
Instructor Guides	3	Oct 03	Pending
Student Evaluation Forms with Reproducible Master	50	Oct 03	Pending
Student Workbooks	10	Oct 03	Pending

**CIN, COURSE TITLE:** C-602-XXX1, MH-60S Electrical Systems Initial Organizational Maintenance (Track D-602-XXX1)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
CAI for MH-60S Electrical Systems	3	Oct 03	Pending
Curriculum Outline with Reproducible Master Copy	50	Oct 03	Pending
Instructor Guides	3	Oct 03	Pending
Student Evaluation Forms with Reproducible Master	50	Oct 03	Pending
Student Workbooks	10	Oct 03	Pending

**CIN, COURSE TITLE:** C-602-XXX1, MH-60S Electrical Systems Initial Organizational Maintenance (Track E-602-XXX1)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
CAI for MH-60S Electrical Systems	3	Mar 02	Pending
Curriculum Outline with Reproducible Master Copy	50	Mar 02	Pending
Instructor Guides	3	Mar 02	Pending
Student Evaluation Forms with Reproducible Master	50	Mar 02	Pending
Student Workbooks	10	Mar 02	Pending

**CIN, COURSE TITLE:** C-602-XXX2, MH-60S Electrical Systems Career Organizational Maintenance (Track D-602-XXX2)

**TRAINING ACTIVITY:** MTU (TBD) NAMTRAU

**LOCATION, UIC:** NAS Norfolk, 00000

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
CAI for MH-60S Electrical Systems	3	Oct 03	Pending
Curriculum Outline with Reproducible Master Copy	50	Oct 03	Pending
Instructor Guides	3	Oct 03	Pending
Student Evaluation Forms with Reproducible Master	50	Oct 03	Pending
Student Workbooks	10	Oct 03	Pending

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

**CIN, COURSE TITLE:** C-602-XXX2, MH-60S Electrical Systems Career Organizational Maintenance (Track E-602-XXX2)

**TRAINING ACTIVITY:** MTU 1022 NAMTRAU

**LOCATION, UIC:** NAS North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
CAI for MH-60S Electrical Systems	3	Mar 02	Pending
Curriculum Outline with Reproducible Master Copy	50	Mar 02	Pending
Instructor Guides	3	Mar 02	Pending
Student Evaluation Forms with Reproducible Master	50	Mar 02	Pending
Student Workbooks	10	Mar 02	Pending

**Note:** Curricula materials and training aids will be developed by NAMTRAGRU upon completion of MH-60S initial cadre training and receipt of technical publications.

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

The MH-60S technical publications will be produced, distributed, and supported in the IETMs format, including software and hardware support. The MH-60S technical publications will support the airframe, mission avionics, engine, and support equipment, and will be developed with close coordination between NATEC, Sikorsky, LMSI, PMA205, the MH-60S Fleet Introduction Team, and the MH-60S Deputy Assistant Program Manager for Logistics. NATEC is currently reviewing the common H-60 technical publications to ensure they will apply to the MH-60S as written. NATEC is tasked with establishing dates for conducting in-process reviews of the other technical manuals that the contractors are developing for the MH-60S.

**PART V - MPT MILESTONES**

<b>COG CODE</b>	<b>MPT MILESTONES</b>	<b>DATE</b>	<b>STATUS</b>
DA	Conducted Analysis of Manpower, Personnel, and Training Requirements	May 97	Completed
OPTEVFOR	Began OPEVAL	FY98	On-going
DA	Developed and distributed Initial NTSP	Nov 98	Completed
DA	Distributed Draft NTSP for Review	May 99	Completed
TSA	Began Initial Training	Dec 99	On-going
TSA	Began Training Services	Dec 99	On-going
OPO	Approved NTSP	Aug 00	Completed
OPO	Convene NTSP Conference	FY00	Not required
OPO	Programmed Manpower and Training Resource Requirements	FY00	Completed
TSA	Began Delivering Training Devices	Jan 01	On-going
DA	Distribute Updated Draft NTSP for Review	Aug 01	
DA	Fleet Introduction	Aug 01	
TSA	Developed Curricula Materials	Oct 01	
TSA	Begin Follow-On Training	Nov 01	
PDA	Achieve Material Support Date	Oct 03	
PDA	Achieve Navy Support Date	Oct 04	
PDA	Achieve Material Support Date for Common Cockpit	Oct 05	

PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
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None			
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**PART VII - POINTS OF CONTACT**

<b>NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL</b>	<b>TELEPHONE NUMBERS</b>
<b>CAPT Owen Fletcher</b> Deputy Aviation Maintenance Programs CNO, N781B fletcher.owen@hq.navy.mil	<b>COMM:</b> (703) 604-7747 <b>DSN:</b> 664-7747 <b>FAX:</b> (703) 604-6972
<b>CDR Wanda Janus</b> Resource Sponsor / Program Sponsor CNO, N785D1 janus.wanda@hq.navy.mil	<b>COMM:</b> (703) 697-9359 <b>DSN:</b> 227-9359 <b>FAX:</b> (703) 695-7103
<b>CAPT Terry Merritt</b> Head, Aviation Technical Training Branch CNO, N789H merritt.terry@hq.navy.mil	<b>COMM:</b> (703) 604-7730 <b>DSN:</b> 664-7730 <b>FAX:</b> (703) 604-6939
<b>CDR Ken Ryan</b> Carrier Helicopter Requirements Officer CNO, N780E4 ryan.kenneth@hq.navy.mil	<b>COMM:</b> (703) 697-4201 <b>DSN:</b> 225-4201 <b>FAX:</b> (703) 614-7734
<b>CDR Scott Stroble</b> MH-60S Training Requirements Officer CNO, N789F3 stroble.scott@hq.navy.mil	<b>COMM:</b> (703) 604-7721 <b>DSN:</b> 664-7721 <b>FAX:</b> (703) 604-6939
<b>CAPT Peter Spalding</b> Helicopter Reserve Liaison Officer CNO, N78R2 spalding.peter@hq.navy.mil	<b>COMM:</b> (703) 604-7727 <b>DSN:</b> 664-7727 <b>FAX:</b> (703) 604-6969
<b>AZCS Gary Greenlee</b> NTSP Manager CNO, N789H1A greenlee.gary@hq.navy.mil	<b>COMM:</b> (703) 604-7743 <b>DSN:</b> 664-7743 <b>FAX:</b> (703) 604-6939
<b>CDR Kevin Neary</b> Aviation Manpower CNO, N122C1 N122c1@bupers.navy.mil	<b>COMM:</b> (703) 695-3247 <b>DSN:</b> 225-3247 <b>FAX:</b> (703) 614-5308
<b>Mr. Robert Zweibel</b> Training Technology Policy CNO, N795K zweibel.robert@hq.navy.mil	<b>COMM:</b> (703) 602-5151 <b>DSN:</b> 332-5151 <b>FAX:</b> (703) 602-5175
<b>CAPT William Shannon</b> Program Manager, Multi-Mission Helicopter NAVAIRSYSCOM, PMA299 shannonwe@navair.navy.mil	<b>COMM:</b> (301) 757-5409 <b>DSN:</b> 757-5409 <b>FAX:</b> (301) 757-5437

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
<p><b>CDR Jack Fulton</b>                      MH-60S IPT / Deputy Program Manager                      NAVAIRSYSCOM, PMA299                      fultonwj@navair.navy.mil</p>	<p><b>COMM:</b> (301) 757-5332  <b>DSN:</b> 757-5332  <b>FAX:</b> (301) 757-5276</p>
<p><b>LCDR Steven Halpern</b>                      MH-60S Assistant Program Manager for Training Systems                      NAVAIRSYSCOM, PMA205-2D1                      halpernse@navair.navy.mil</p>	<p><b>COMM:</b> (301) 757-8154  <b>DSN:</b> 757-8154  <b>FAX:</b> (301) 757-6945</p>
<p><b>CDR John Husaim</b>                      H-60 Assistant Program Manager for Logistics                      NAVAIRSYSCOM, AIR 3.1.2Q                      husaimjs@navair.navy.mil</p>	<p><b>COMM:</b> (301) 757-5339  <b>DSN:</b> 757-5339  <b>FAX:</b> (301) 757-5276</p>
<p><b>Mr. David Coughlin</b>                      MH-60S Deputy APML for AMCM                      NAVAIRSYSCOM, AIR 3.1.2Q5                      coughlindt@navair.navy.mil</p>	<p><b>COMM:</b> (301) 757-5214  <b>DSN:</b> 757-5214  <b>FAX:</b> (301) 757-5276</p>
<p><b>Mrs. Pollyanna Randol</b>                      Aviation NTSP Point of Contact                      CINCLANTFLT, N-721                      randolpa@clf.navy.mil</p>	<p><b>COMM:</b> (757) 836-0103  <b>DSN:</b> 863-0103  <b>FAX:</b> (757) 863-6737</p>
<p><b>Mr. Bob Long</b>                      Deputy Director for Training                      CINCPACFLT, N70                      u70@cpf.navy.mil</p>	<p><b>COMM:</b> (808) 471-8513  <b>DSN:</b> 471-8513  <b>FAX:</b> (808) 471-8596</p>
<p><b>CAPT Greg Hoffman</b>                      H-60 Fleet Introduction Team Officer In Charge                      CNAP/CNAL, H-60R/S FIT                      hoffman.greg@h60fit.nasni.navy.mil</p>	<p><b>COMM:</b> (619) 545-5001  <b>DSN:</b> 735-5001  <b>FAX:</b> (619) 545-4992</p>
<p><b>Mr. Joe Peluso</b>                      H-60 Fleet Introduction Team Deputy Project Officer                      CNAP/CNAL, H-60R/S FIT                      peluso.joe@h60fit.nasni.navy.mil</p>	<p><b>COMM:</b> (619) 545-5003  <b>DSN:</b> 735-5003  <b>FAX:</b> (619) 545-4992</p>
<p><b>LT Mike Lile</b>                      H-60 Fleet Introduction Team Maintenance Officer                      CNAP/CNAL, H-60R/S FIT                      lile.mike.a@h60fit.nasni.navy.mil</p>	<p><b>COMM:</b> (619) 545-5058  <b>DSN:</b> 736-5058  <b>FAX:</b> (619) 545-4992</p>
<p><b>YN1 Dashawns Simmons</b>                      Selected Reservist Quota Control                      COMNAVAIRESFOR, N-333                      simmonsdcnrf.nola.navy.mil</p>	<p><b>COMM:</b> (504) 678-1445  <b>DSN:</b> 678-1445  <b>FAX:</b> (504) 678-5064</p>

**PART VII - POINTS OF CONTACT**

<b>NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL</b>	<b>TELEPHONE NUMBERS</b>
<p><b>CAPT Patricia Huiatt</b> Deputy Assistant, Chief of Naval Personnel for Distribution NAVPERSCOM, PERS-4B p4b@persnet.navy.mil</p>	<p><b>COMM:</b> (901) 874-3529 <b>DSN:</b> 882-3529 <b>FAX:</b> (901) 874-2606</p>
<p><b>CDR Timothy Ferree</b> Branch Head, Aviation Enlisted Assignments NAVPERSCOM, PERS-404 p404@persnet.navy.mil</p>	<p><b>COMM:</b> (901) 874-3691 <b>DSN:</b> 882-3691 <b>FAX:</b> (901) 874-2642</p>
<p><b>LCDR Raymond Lawry</b> Aviation Department Head NAVMAC, 30 raymond.lawry@navmac.navy.mil</p>	<p><b>COMM:</b> (901) 874-6218 <b>DSN:</b> 882-6218 <b>FAX:</b> (901) 874-6471</p>
<p><b>AZCS Randall Lees</b> NTSP Coordinator NAVMAC, 32 randall.lees@navmac.navy.mil</p>	<p><b>COMM:</b> (901) 874-6237 <b>DSN:</b> 882-6237 <b>FAX:</b> (901) 874-6471</p>
<p><b>Mr. Steve Berk</b> CNET NTSP Distribution CNET, ETS-23 stephen.berk@cnet.navy.mil</p>	<p><b>COMM:</b> (850) 452-8919 <b>DSN:</b> 922-8919 <b>FAX:</b> (850) 452-4853</p>
<p><b>CDR Erich Blunt</b> Aviation Technical Training CNET, ETE-32 cdr-erich.blunt@cnet.navy.mil</p>	<p><b>COMM:</b> (850) 452-4915 <b>DSN:</b> 922-4915 <b>FAX:</b> (850) 452-4901</p>
<p><b>LCDR Monte Yarger</b> Operational Test Coordinator COMOPTEVFOR, 563 yarger.m@cof.navy.mil</p>	<p><b>COMM:</b> (757) 444-5546 ext. 3901 <b>DSN:</b> 564-5546 ext. 3901 <b>FAX:</b> (757) 444-3820</p>
<p><b>LT Clinton Cresap</b> MH-60S Operational Test Director AIRTEVRON One cresapcc@navair.navy.mil</p>	<p><b>COMM:</b> (301) 757-1371 <b>DSN:</b> 757-1371 <b>FAX:</b> (301) 757-1326</p>
<p><b>ATC James Seyboldt</b> H-60 Training Technical Coordinator NAMTRAGRU HQ, N2122 atc-james.e.seyboldt@smtp.cnet.navy.mil</p>	<p><b>COMM:</b> (850) 452-9742 ext. 247 <b>DSN:</b> 922-9742 ext. 247 <b>FAX:</b> (850) 452-9769</p>
<p><b>AVCM Robert Claire</b> PQS Development Group LCPO NETPDTTC, N34 avcm-robert.claire@smtp.cnet.navy.mil</p>	<p><b>COMM:</b> (850) 452-1001 ext. 2246 <b>DSN:</b> 922-1001 ext. 2246 <b>FAX:</b> (850) 452-1764</p>

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
<b>Ms. Misti Dayton</b> NTSP Manager MAGA daytonm@us.hsnet.net	<b>COMM:</b> (301) 737-3500 <b>DSN:</b> <b>FAX:</b> (301) 737-6442
<b>Mr. Phil Szczyglowski</b> Competency Manager NAVAIRSYSCOM, AIR 3.4.1 szczyglowspr@navair.navy.mil	<b>COMM:</b> (301) 757-8280 <b>DSN:</b> 757-8082 <b>FAX:</b> (301) 342-7737
<b>Mr. Bob Kresge</b> NTSP Manager NAVAIRSYSCOM, AIR 3.4.1 kresgerj@navair.navy.mil	<b>COMM:</b> (301) 757-1844 <b>DSN:</b> 757-1844 <b>FAX:</b> (301) 342-7737
<b>ATCS David Morris</b> NTSP Coordinator NAVAIRSYSCOM, AIR 3.4.1 morrisdm@navair.navy.mil	<b>COMM:</b> (301) 757-3093 <b>DSN:</b> 757-3093 <b>FAX:</b> (301) 342-7737