

DRAFT

NAVY TRAINING SYSTEM PLAN

FOR THE

CH-60S MULTI-MISSION HELICOPTER

N88-NTSP-A-50-9902/D

MAY 1999

CH-60S MULTI-MISSION HELICOPTER

EXECUTIVE SUMMARY

The CH-60S will be 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 CH-60S is scheduled to replace the H-46, HH-60H, and MH-53 helicopters. The primary missions of the CH-60S will include Vertical Replenishment, amphibious Search and Rescue, Vertical Onboard Delivery, and Airhead operations. Secondary missions will include Combat Search and Rescue (CSAR), Special Warfare Support (SWS), Medical Evacuation, Non-combatant Evacuation Operations, and eventually Airborne Mine Countermeasures. The CSAR/SWS version of the CH-60S will have additional mission equipment installed that will provide the Navy with capabilities for CSAR and SWS in both the active carrier-based Helicopter Antisubmarine Squadrons (HS) and the Reserve Helicopter Combat Support (Special) (HCS) Squadrons. The CH-60S is an ACAT ID acquisition currently in Phase II; Engineering and Manufacturing Development. Initial Operating Capability is scheduled for October 2001.

A standard crew of four composed of one Pilot, one Co-Pilot, and two Enlisted Aircrewmembers will operate the CH-60S. It is estimated that no additional enlisted ratings or officer NOBCs will be required to support the CH-60S. As such, the operator and maintainer manpower for the CH-60S will come from existing Navy Helicopter Combat Support (HC), Helicopter Combat Support Special (HCS), and Helicopter Antisubmarine (HS) squadron manpower. Helicopter Mine Countermeasures Squadron (HM) squadron manpower requirements have not been determined yet. When they are developed, they will be included in future updates to this Navy Training System Plan.

A new Navy Enlisted Classification applicable to the CH-60S will be assigned to enlisted aircrewmembers and Aviation Electronics Technicians.

The H-60 In-Service Support Team at NAVAVNDEPOT Cherry Point, North Carolina, is leading an effort to change the current H-60 maintenance concept. This 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. Depot artisans would be permanently assigned to H-60 home sites 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 current 8-11 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 by integrated organizational level, intermediate level, and depot level teams between deployments.

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The CH-60S training program will consist of initial and follow-on training for operators and maintenance personnel. The contractor will provide initial operator and maintenance training for Navy Test and Evaluation personnel in support of Developmental Test and Operational Test. The contractor will also develop and conduct initial training for Fleet Readiness Squadron instructors, Naval Aviation Maintenance Training Group Detachment instructors, and an initial cadre of Fleet personnel. CH-60S follow-on maintenance training will be provided through courses at Maintenance Training Unit (MTU) 1005, NAS Jacksonville, Florida, MTU 1066, Naval Station Mayport, Florida, and MTU 1022, NAS North Island, California, that have been modified to include CH-60S data. CH-60S operator training will be provided by HC-3 beginning in FY01.

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LIST OF ACRONYMS

AD	Aviation Machinist's Mate
AE	Aviation Electrician's Mate
AFCC	Automatic Flight Control Computer
AIMD	Aircraft Intermediate Maintenance Department
AMCM	Airborne Mine Countermeasures Mission
AMH	Aviation Structural Mechanic (Hydraulics)
AMIST	Aviation Maintenance In-Service Training
AMS	Aviation Structural Mechanic (Structures)
AMT	Avionics Maintenance Trainer
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
APU	Auxiliary Power Unit
AT	Aviation Electronics Technician
CASS	Consolidated Automated Support System
CBT	Computer-Based Training
CLF	Combat Logistics Force
CM	Corrective Maintenance
CMT	Composite Maintenance Trainer
COMNAVAIRLANT	Commander Naval Air Force, U.S. Atlantic Fleet
COMNAVAIRPAC	Commander Naval Air Force, U.S. Pacific Fleet
CSAR	Combat Search and Rescue
CSE	Common Support Equipment
DoD	Department of Defense
DT	Developmental Testing
ECS	Environmental Control System
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 Squadron (Special)

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LIST OF ACRONYMS

HM	Helicopter Mine Countermeasures Squadron
HS	Helicopter Antisubmarine Squadron
HIS	Human Systems Integration
IETM	Integrated Electronic Technical Manual
IMC	Integrated Maintenance Concept
ISST	In-Service Support Team
MMH	Multi-Mission Helicopter
MTU	Maintenance Training Unit
NAMTG	Naval Aviation Maintenance Training Group
NAS	Naval Air Station
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVAIRSYSCOM	Naval Air Systems Command
NAVAVNDEPOT	Naval Aviation Depot
NAVICP	Naval Inventory Control Point
NEC	Navy Enlisted Classification
NOBC	Navy Officer Billet Classification
NS	Naval Station
NTSP	Navy Training System Plan
NVD	Night Vision Devices
OT	Operational Test
PEDD	Portable Electronic Display Device
PM	Preventive Maintenance
POE	Projected Operating Environment
PQS	Personnel Qualifications Standards
PSE	Peculiar Support Equipment
RAST	Recovery, Assist, Secure, and Traverse
RCM	Reliability Centered Maintenance
RFT	Ready For Training
ROC	Required Operational Capabilities
SAR	Search and Rescue
SDLM	Standard Depot Level Maintenance

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LIST OF ACRONYMS

SE	Support Equipment
SRA	Shop Replaceable Assembly
SWS	Special Warfare Support
TBD	To Be Determined
TD	Training Device
T/M/S	Type/Model/Series
T/OFT	Tactical/Operational Flight Trainer
TTE	Technical Training Equipment
WRA	Weapon Replaceable Assembly
WST	Weapon System Trainer

CH-60S MULTI-MISSION HELICOPTER

PREFACE

This Draft Navy Training System Plan (NTSP) for the CH-60S has been developed to update information contained in the Preliminary Draft NTSP, N88-NTSP-A-50-9902/D, dated March 1999. It includes the addition of MTU 1066, NS Mayport, Florida, as the East coast CH-60S Electronics Systems Initial and Career Organizational Maintenance training site.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. **Nomenclature-Title-Acronym.** CH-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 (N880H)
- OPO Resource Sponsor CNO (N880H)
- Developing Agency..... NAVAIRSYSCOM (PMA299)
- Training Agency CINCLANTFLT (N721)
CINCPACFLT (N73)
CNET (ETE322)
- Training Support Agency..... NAVAIRSYSCOM (PMA205)
- Manpower and Personnel Mission Sponsor CNO (N12)
NAVPERSCOM (NPC-4, NPC-404)
- Director of Naval Training CNO (N7)
- Commander, Reserve Program Manager COMNAVAIRESFOR (N88R2)

D. SYSTEM DESCRIPTION

1. **Operational Uses.** The primary missions of the CH-60S will include, but are not limited to, day and night Vertical Replenishment, day and night amphibious Search and Rescue (SAR), Vertical Onboard Delivery, and Airhead operations. Secondary missions of the CH-60S will include Combat Search and Rescue (CSAR), Special Warfare Support (SWS), Medical

Evacuation, Non-combatant Evacuation Operations, and eventually Airborne Mine Countermeasures (AMCM). Additional missions include recovery of torpedoes, drones, unmanned aerial vehicles, and unmanned undersea vehicles, humanitarian assistance, executive transport, and disaster relief.

The CSAR/SWS version of the CH-60S will have additional mission equipment installed that will provide the Navy with capabilities for CSAR and SWS in both the active carrier-based Helicopter Antisubmarine Squadrons (HS) and in the Reserve Helicopter Combat Support Special (HCS) Squadrons.

2. Foreign Military Sales. There are currently no plans for Foreign Military Sales (FMS) of the CH-60S helicopter.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. The CH-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) (CT/DT-IIA) and Operational Test (OT) (OT-IIB) of production representative CH-60S helicopters is scheduled to begin in December 1999, by contractor and U.S. Navy Test and Evaluation personnel onboard Naval Air Station (NAS) Patuxent River, Maryland.

DT (DT-IIIA) and OT (OT-IIIB) of the CSAR version of the CH-60S is scheduled to begin in fourth quarter FY04.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. Based on the Helicopter Master Plan and the current Weapon Systems Planning Document, the CH-60S will first replace the H-46D helicopters in active Navy Helicopter Combat Support (HC) Squadrons. After the H-46s have been replaced, the CH-60S will replace the HH-60H helicopters in the Reserve HCS squadrons concurrently with the H-3 helicopters in the Active HC squadrons. Next, the CH-60S will replace the HH-60H helicopters in the Active HS squadrons concurrently with the introduction of the SH-60R into those squadrons. There are plans to replace the MH-53E helicopters used in the AMCM with the CH-60S.

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The CH-60S will be a Class 1B, single main rotor, twin-engine helicopter manufactured by Sikorsky Aircraft Corporation. It will be 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 CH-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 wheelbase of 29 feet.

a. Avionics Systems Configuration. The CH-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 CH-60S helicopter will incorporate the Navy H-60 Automatic Flight Control Computer (AFCC), which provides fully coupled approaches, hover, and departure, and precise navigation and night, over-water hover capabilities. The CH-60S helicopter will utilize the latest Advanced Flight Control Computer currently being procured through a Navy-led Engineering Change Proposal.

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

c. Navigation. The CH-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 Smart Multi-Function Displays, two Common Avionics Multi-Function Displays, Tactical Air Navigation, Direction Finding Antenna and Radar Altimeters.

d. Night Vision Devices. The CH-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 a NVD Heads-Up Display. Exterior aircraft lighting, including position lights and electroluminescent formation lights, will be NVD compatible. The searchlight will be suitable for non-NVD and NVD flight operations.

e. Forward Looking Infrared. The Forward Looking Infrared (FLIR) on the CH-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.

f. Weapons. The CSAR/SWS version of the CH-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 version will also be equipped with crew served side suppression weapons.

g. Survivability. The CH-60S will have ballistically tolerant fuel systems and dynamic components to enhance crew survivability. Additionally, the CH-60S CSAR/SWS

version will have an engine infrared suppressor system, wire strike protection, and provisions for a laser detection system, a plume detection system, a radar warning receiver, an infrared jamming system, and chaff and flare dispensers.

h. Airframe. The airframe will consist of a cockpit (that is common with the SH-60R helicopter), cabin, main rotor, transition section, tailcone, fixed landing gear, controllable stabilator, tail pylon, and external cargo hook. The airframe will be designed to stringent flight maneuver, 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 gunner's windows will be included.

i. Internal Cargo. The CH-60S will have an internal cargo roller and guide system for handling and securing 40" x 48" palletized internal cargo.

j. Power Plant System. The power plant installation will consist of two Marineized 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.

k. Auxiliary Power Unit (APU) System. The 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.

l. 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.

m. 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.

n. 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.

o. 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.

p. 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.

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

r. 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.

s. Fire Detection and Extinguishing Systems. A fire detection and fire extinguishing system will be installed for each engine and the APU.

2. Physical Description. The CH-60S will be a U.S. Army UH-60 Blackhawk utility airframe in combination with Navy SH/HH-60 transmissions and dynamic components. The CH-60S will incorporate new design items that are not in use by either the UH-60 or SH/HH-60 airframe lines. The CH-60S will adapt the Naval H-60 Tail Pylon to the Blackhawk tail cone with a CH-60S unique canted bulkhead at the tail cone, 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 Blackhawk’s tail cone flight controls will be rerouted to accommodate the Naval H-60 rapid fold tail pylon. Table 1 contains the principal CH-60S aircraft dimensions.

TABLE 1 - CH-60S DIMENSIONS	
Operating Length/Folded Length	64’ 10” / 40’ 11”
Operating Height/Folded Height	17’ / 13’ 3”
Fuselage Length/Width	50’ 0.75” / 8’ 10”
Main Rotor	53’ 8” diameter (four blades)
Tail Rotor	11’ 0” diameter (four blades)
Weight	
Empty	14,204 lb.
Maximum Gross	23,500 lb.
Internal Payload	5,500 lb.
External Payload	7,500 lb.

3. New Development Introduction. The CH-60S helicopter will be introduced to the Navy as a new production aircraft.

4. Significant Interfaces. The CH-60S cockpit and 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.

5. New Features, Configurations, or Material. NA

H. CONCEPTS

1. Operational Concept. The CH-60S will be operated by a standard crew of four composed of one Pilot, one Co-Pilot, and two Enlisted Aircrewmen (the number of aircrewmen will vary with type of mission). The aircraft will operate in a variety of mission areas consistent with operational uses stated in Paragraph D.1., and as outlined in the applicable Required Operational Capabilities (ROC) and Projected Operating Environment (POE) documents.

2. Maintenance Concept. The maintenance concept for the CH-60S is based on the three levels of maintenance per the Naval Aviation Maintenance Program, OPNAVINST 4790.2G. 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. This concept is the H-60 Integrated Maintenance Concept (IMC), an 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 on-site between deployments. Depot artisans would be permanently assigned to H-60 home sites 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 current 8-11 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 by integrated organizational level, intermediate level, and depot level teams between deployments.

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.

(1) Preventive Maintenance. Preventive Maintenance (PM) consists 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 Navy H-60 150-hour A, B, C, and D series phased inspections, as well as the daily, turnaround, conditional, and special inspection requirements. The CH-60S maintenance program will incorporate and maintain a RCM program.

(2) Corrective Maintenance. Corrective Maintenance (CM) will consist of fault isolation to a defective Weapon Replaceable Assembly (WRA) or Shop Replaceable Assembly (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 Aircraft Intermediate Maintenance Activity (AIMD). The CH-60S will have the capability to support an Integrated Mechanical Diagnostics System.

b. Intermediate. Intermediate level maintenance is performed on those WRAs and SRAs beyond the organizational maintenance level capability. Intermediate level maintenance consists 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 AIMD, as well as the following shored-based AIMDs: North Island, California; Norfolk, Virginia; Jacksonville, Florida; Atsugi, Japan; and Sigonella, Sicily.

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 CH-60S equipment. The contractor will perform a Level Of Repair Analysis on select new SRAs to determine where each should be repaired.

c. Depot. Depot level maintenance consists of major overhaul of the aircraft or the rebuilding, manufacture, and modification of parts, assemblies, and subassemblies beyond the capabilities of the IMA. Depot level maintenance of the CH-60S will be performed at Corpus Christi Army Depot, Corpus Christi, Texas. The ISST for the CH-60S will be located at NAVAVNDEPOT Cherry Point, North Carolina. Depot level maintenance for the CH-60S is planned to be the IMC program.

d. Interim Maintenance. Repair and maintenance of the CH-60S weapon system and Support Equipment (SE) 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 Sikorsky Aircraft Corporation will provide back-up repair capability if needed.

Contractor Engineering Technical Services will be employed during the interim support phase. This is particularly important at NAS Norfolk and Andersen Air Force Base, Guam, since the number of H-60 helicopters currently there is limited. The Navy Support Date for the CH-60S has been tentatively set for fourth quarter FY04.

e. Life-Cycle Maintenance Plan. As of this writing, the CH-60S Life-Cycle Maintenance Plan is still under development. When completed, it will be added to future updates to this document.

3. Manning Concept. Based on a cursory analysis of the operator and maintainer tasks expected to be associated with the CH-60S and its equipment, these tasks have been determined to be within the capabilities of the Navy's existing enlisted rating and officer Navy Officer Billet Classification (NOBC) structures. As a result, it is estimated that no additional enlisted ratings or officer NOBCs will be required to support the CH-60S. As such, the operator and maintainer manpower for the CH-60S will come from existing Navy HC, HCS, and HS squadron manpower. Helicopter Mine Countermeasures Squadron (HM) squadron manpower requirements have not

been determined yet. When they are developed, they will be included in future updates to this NTSP.

A new Navy Enlisted Classification (NEC) applicable to the CH-60S will be assigned to enlisted aircrewmembers and Aviation Electronics Technicians (AT). Throughout this NTSP the new NEC will be indicated by 82XX.

In HC activities, the CH-60S will be deployed in a dual helicopter detachment concept. With the exception of the Fleet Readiness Squadron (FRS), each HC activity is divided into a shore duty and sea duty component for the purposes of manpower. The sea duty component (or detachment) qualitative and quantitative manpower requirements for the CH-60S were determined by utilizing the HH-60 helicopter preventive and corrective maintenance requirements combined with the operational requirements contained in the draft ROC/POE for the CH-60S.

All HC squadron administrative support will be assigned to the shore duty component of that particular squadron. Administrative support for each deployed detachment will be provided on-site by the particular ship embarked upon.

4. Training Concept. The CH-60S training program will consist of initial and follow-on training for operators and maintenance personnel. The contractor will provide initial operator and maintenance training for Navy Test and Evaluation personnel in support of DT and OT. The contractor will also develop and conduct initial training for FRS instructors, Naval Aviation Maintenance Training Group (NAMTG) instructors, and an initial cadre of Fleet personnel. CH-60S follow-on (i.e., replacement) training will be provided through existing courses that have been modified to include CH-60S data. This training will be held at three locations, Maintenance Training Unit (MTU) 1005, NAS Jacksonville; MTU 1066, NS Mayport; and MTU 1022, NAS North Island.

a. Initial Training. In order to support DT, Sikorsky Aircraft Corporation has been contracted to develop and conduct one session of Initial CH-60S Differences training for Navy Test and Evaluation personnel beginning in December 1999. This training will be held at the contractor's facilities.

In support of OT, Sikorsky Aircraft Corporation will develop and conduct one session of Initial CH-60S Differences training at NAS Patuxent River, Maryland, for Navy Test and Evaluation personnel. This second block of training is scheduled for August 2000.

Sikorsky Aircraft Corporation will also develop and conduct two sessions of Initial CH-60S Differences training (Cadre) at NAS North Island, California, for FRS and NAMTG instructors, and an initial cadre of fleet personnel. This third block of initial training is scheduled to start in October 2000. The contractor will provide this training and all required materials.

HC-3 will be required to send select personnel through H-60 follow-on training to obtain the necessary prerequisite knowledge prior to CH-60S Initial Differences training.

Title **CH-60S Pilot Initial Differences Training**

Description To train Pilots in the skills and techniques required for performance as a CH-60S Pilot qualified in Model. This course will consist of separate ground and flight phases.

Location DT: Contractor facilities
OT: NAS Patuxent River, Maryland
Cadre: NAS North Island, California

Length 24 Days

RFT date DT: December 1999
OT: August 2000
Cadre: October 2000

TTE/TD CH-60S Aircraft

Prerequisites Pilot qualified in the H-60 helicopter

Title **CH-60S MMH Aircrewman Initial Differences Training**

Description To train Aircrewman in the skills and techniques required to perform as a CH-60S Aircrewman qualified in Model.

Location Cadre: NAS North Island, California.

Length 12 Days

RFT date Cadre: October 2000*

TTE/TD CH-60S Aircraft

Prerequisites Aircrewman qualified in the H-60 helicopter

* **Note:** For DT and OT, the CH-60S MMH Aircrewman will attend the CH-60S Pilot Initial Differences Training Course.

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

Description To provide Aviation Machinist's Mate (AD) personnel with the skills and knowledge required to be qualified in a CH-60S squadron.

Location DT: Contractor facilities
OT: NAS Patuxent River, Maryland
Cadre: NAS North Island, California

Length 5 Days

RFT date DT: December 1999
OT: August 2000
Cadre: October 2000

TTE/TD CH-60S Aircraft

Prerequisites AD 8378 or 8878

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

Description To provide Aviation Structural Mechanic (Hydraulics)
(AMH) and Aviation Structural Mechanic (Structures)
(AMS) personnel with the skills and knowledge required to
be qualified in a CH-60S squadron.

Location DT: Contractor facilities
OT: NAS Patuxent River, Maryland
Cadre: NAS North Island, California

Length 5 Days

RFT date DT: December 1999
OT: August 2000
Cadre: October 2000

TTE/TD CH-60S Aircraft

Prerequisites AM 8378 or 8878

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

Description To provide Aviation Electrician's Mate (AE) personnel with
the skills and knowledge required to be qualified in a CH-
60S squadron.

Location DT: Contractor facilities
OT: NAS Patuxent River, Maryland
Cadre: NAS North Island, California

Length 10 Days

RFT date DT: December 1999
OT: August 2000
Cadre: October 2000

TTE/TD CH-60S Aircraft

Prerequisites AE 8378 or 8878

Title CH-60S Automatic Flight Control Systems Initial Differences Training

Description To provide AE personnel with the skills and knowledge required to be qualified in a CH-60S squadron.

Location DT: Contractor facilities
OT: NAS Patuxent River, Maryland
Cadre: NAS North Island, California

Length 5 Days

RFT date DT: December 1999
OT: August 2000
Cadre: October 2000

TTE/TD CH-60S Aircraft

Prerequisites AE 8378 or 8878

Title CH-60S Electronics Systems Initial Differences Training

Description To provide AT personnel with the skills and knowledge required to be qualified in a CH-60S squadron.

Location DT: Contractor facilities
OT: NAS Patuxent River, Maryland
Cadre: NAS North Island, California

Length 20 Days

RFT date DT: December 1999
OT: August 2000
Cadre: October 2000

TTE/TD CH-60S Aircraft

Prerequisites AT 8376, 8876, 8378, or 8878

Title CH-60S Non-Designated Airman/Plane Captain Initial Differences Training

Description To provide Non-Designated Airmen/Plane Captains with the skills and knowledge required to be a qualified Plane Captain in a CH-60S squadron.

Location Cadre: NAS North Island, California.
 Length 5 Days
 RFT date Cadre: October 2000
 TTE/TD CH-60S Aircraft
 Prerequisites None

b. Follow-on Training. Beginning in first quarter FY01, follow-on training will be provided for operators by HC-3, NAS North Island, California. NAMTG MTU 1005 at NAS Jacksonville, Florida, and MTU 1022 at NAS North Island, California, will provide follow-on maintenance training beginning first quarter FY01.

(1) Operator. The following new CH-60S operator training will be provided by HC-3 beginning in FY01. Since these are new courses, not all the required information is available.

Title CH-60S CAT I Fleet Replacement Pilot
 CIN E-2C-XXX1
 Model Manager ... HC-3, NAS North Island
 Description To train the CH-60S Category I Fleet Replacement Pilot in the skills and techniques required for performance as a pilot qualified in model.
 Location HC-3, NAS North Island
 Length 183 days (estimated from SH-60B/F)
 RFT date First quarter FY01
 Skill identifier 1311
 TTE/TD TTE for CH-60S is TBD.
 A new Tactical/Operational Flight Trainer (T/OFT) will be required.
 Prerequisites Designated Service Group II Naval Aviator
 Designated Naval Helicopter Pilot

Title CH-60S CAT II Fleet Replacement Pilot
 CIN E-2C-XXX2
 Model Manager ... HC-3, NAS North Island

Description To train the CH-60S Category II Fleet Replacement Pilot in the skills and techniques required for performance as a pilot qualified in model.

Location HC-3, NAS North Island

Length 123 days (estimated from SH-60B/F)

RFT date First quarter FY01

Skill identifier 1311

TTE/TD TTE for CH-60S is TBD.
A new T/OFT will be required.

Prerequisites Designated Service Group II Naval Aviator
Designated Naval Helicopter Pilot

Title CH-60S Category III Fleet Replacement Pilot

CIN E-2C-XXX3

Model Manager ... HC-3, NAS North Island

Description To train the CH-60S Category III Fleet Replacement Pilot in the skills and techniques required for performance as a pilot qualified in model.

Location HC-3, NAS North Island

Length 106 days (estimated SH-60B/F)

RFT date First quarter FY01

Skill identifier 1311

TTE/TD TTE for CH-60S is TBD.
A new T/OFT will be required.

Prerequisites Designated Service Group II Naval Aviator
Designated Naval Helicopter Pilot

Title CH-60S Category IV Fleet Replacement Pilot

CIN E-2C-XXX4

Model Manager ... HC-3, NAS North Island

Description To train CH-60S Category IV Fleet Replacement Utility and/or SAR Pilots in the skills and techniques required for performance as a pilot qualified in model.

Location HC-3, NAS North Island
 Length 116 days (estimated from SH-60B/F)
 RFT date First quarter FY01
 Skill identifier 1311
 TTE/TD TTE for CH-60S is TBD.
 A new T/OFT will be required.
 Prerequisites Designated Service Group II Naval Aviator
 Designated Naval Helicopter Pilot

Title CH-60S Category V Fleet Replacement Pilot

CIN E-2C-XXX5
 Model Manager ... HC-3, NAS North Island
 Description To train CH-60S Category V Fleet Replacement Pilots in
 the skills and techniques required for performance as a pilot
 qualified in model.
 Location HC-3, NAS North Island
 Length 148 days (estimated from SH-60B/F)
 RFT date First quarter FY01
 Skill identifier 1311
 TTE/TD TTE for CH-60S is TBD.
 A new T/OFT will be required.
 Prerequisites Designated Service Group II Naval Aviator
 Designated Naval Helicopter Pilot

Title CH-60S Pilot Instructor Under Training

CIN E-2C-XXX6
 Model Manager ... HC-3, NAS North Island
 Description To train CH-60S Instructor Pilots in the skills and
 techniques required for performance as an instructor pilot
 qualified in model.
 Location HC-3, NAS North Island
 Length TBD
 RFT date First quarter FY01

Skill identifier 1311
TTE/TD TTE for CH-60S is TBD.
A new T/OFT will be required.
Prerequisites Designated Service Group II Naval Aviator
Designated Naval Helicopter Pilot

Title CH-60S Category I MMH Aircrewman

CIN E-050-XXX1
Model Manager ... HC-3, NAS North Island
Description To train the CH-60S Category I MMH Aircrewman in the
skills and techniques required for performance as an
aircrewman qualified in model.
Location HC-3, NAS North Island
Length 176 days (estimated from SH-60B/F)
RFT date First quarter FY01
Skill identifier 82XX
TTE/TD TTE for CH-60S is TBD.
Prerequisites Q-050-1500, Naval Aircrew Candidate School
Q-050-0600, Aviation Rescue Swimmer School

Title CH-60S Category II MMH Aircrewman

CIN E-050-XXX2
Model Manager ... HC-3, NAS North Island
Description To train the CH-60S Category II MMH Aircrewman in the
skills and techniques required for performance as an
aircrewman qualified in model.
Location HC-3, NAS North Island
Length 86 days (estimated from SH-60B/F)
RFT date First quarter FY01
Skill identifier 82XX
TTE/TD TTE for CH-60S is TBD.
Prerequisites E-050-XXX1, CH-60S Category I MMH Aircrewman

Title **CH-60S Category III MMH Aircrewman**
CIN E-050-XXX3
Model Manager ... HC-3, NAS North Island
Description To train the CH-60S Category III MMH Aircrewman in the skills and techniques required for performance as an aircrewman qualified in model.
Location HC-3, NAS North Island
Length 60 days (estimated from SH-60B/F)
RFT date First quarter FY01
Skill identifier 82XX
TTE/TD TTE for CH-60S is TBD.
Prerequisites Q-050-1500, Naval Aircrewman Candidate School
Q-050-0600, Aviation Rescue Swimmer School
Qualified in the H-60 series helicopter

Title **CH-60S Category V MMH Aircrewman**
CIN E-050-XXX4
Model Manager ... HC-3, NAS North Island
Description To train the CH-60S Category V MMH Aircrewman in the skills and techniques required for performance as an aircrewman qualified in model.
Location HC-3, NAS North Island
Length TBD
RFT date First quarter FY01
Skill identifier 82XX
TTE/TD TTE for CH-60S is TBD.
Prerequisites Q-050-1500, Naval Aircrewman Candidate School
Aircrewman qualified in the H-46, H-3, or H-1 helicopter

Title **CH-60S MMH Aircrewman Instructor Under Training**
CIN E-050-XXX5
Model Manager ... HC-3, NAS North Island

Description	To train the CH-60S MMH Instructor Aircrewman in the skills and techniques required for performance as Fleet Replacement Squadron Instructor Aircrewman.
Location	HC-3, NAS North Island
Length	TBD
RFT date	First quarter FY01
Skill identifier	NA
TTE/TD	TTE for CH-60S is TBD.
Prerequisites	Designated CH-60S First Aircrewman NEC 9502

(2) Maintainer. CH-60S enlisted maintenance training will be provided by NAMTG Detachments, MTUs 1005, 1022, and MTU 1066. With the exception of the AT rating, all enlisted ratings are trained with common courses applicable to SH-60B, SH-60F, and HH-60H aircraft. For the AT rating, a new Initial and Career CH-60S Electronics Systems course will be developed and established only at MTU 1066, NS Mayport, Florida, and MTU 1022, NAS North Island, California.

The new AT courses (i.e., Initial and Career) and the existing H-60 courses that will need modification to include the CH-60S equipment and systems are listed below. The addition of CH-60S information to existing courses should pose a moderate impact to the overall course length. As a result, their course lengths may vary from those listed.

Note: MTU 1005 Jacksonville is the East Coast follow on maintenance training site; however, NPC may detail students through MTU 1066 Mayport due to seat availability. H-60 common courses are taught at both MTU 1005 NAS Jacksonville and MTU 1066, NS Mayport

Title	H-60 Power Plants and Related Systems Initial Organizational Maintenance
CIN	D/E-602-0810
Model Manager ..	MTU 1066, NS Mayport
Description	Upon completion of this course, AD personnel 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, under limited supervision, organizational maintenance in the squadron working environment both ashore and afloat.

Location MTU 1005, NAS Jacksonville
 MTU 1022, NAS North Island

Length 37 days

RFT date Currently available. First quarter FY01 for CH-60S.

Skill identifier 8878

TTE/TD TTE for CH-60S is TBD.
 Portable Electronic Display Devices (PEDD) will be
 required for viewing Integrated Electronic Technical
 Manuals (IETM).
 The following H-60 maintenance Training Devices (TD)
 may need to be modified:

- SH-60B and SH-60F Starboard Engine Trainers
- SH-60B and SH-60F Composite Maintenance
 Trainers (CMT)

Prerequisites C-601-2012, Aviation Machinist's Mate Helicopter
 Fundamentals Strand Class A1

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

CIN D/E-601-0813

Model Manager .. MTU 1066, NS Mayport

Description Upon completion of this course, AD personnel 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 the squadron
 working environment both ashore and afloat.

Location MTU 1005, NAS Jacksonville
 MTU 1022, NAS North Island

Length 16 days

RFT date Currently available. First quarter FY01 for CH-60S.

Skill identifier 8378

TTE/TD	TTE for CH-60S is TBD. PEDDs will be required. The following H-60 maintenance TDs may need to be modified: <ul style="list-style-type: none"> • SH-60B and SH-60F Starboard Engine Trainers • SH-60B and SH-60F CMTs
Prerequisites	D/E-602-0810, H-60 Power Plants and Related Systems Initial Organizational Maintenance
Title	H-60 Electrical/Instruments and Automatic Flight Control Systems Initial Organizational Maintenance
CIN	D/E-602-0855
Model Manager ..	MTU 1022, NAS North Island
Description	Upon completion of this course, AE personnel will have sufficient knowledge and skills, including operation, testing, troubleshooting, and repair procedures, to perform, under limited supervision, organizational maintenance on the H-60 Helicopter in the squadron working environment.
Location	MTU 1005, NAS Jacksonville MTU 1022, NAS North Island
Length	86 days
RFT date	Currently available. First quarter FY01 for CH-60S.
Skill identifier	8878
TTE/TD	TTE for CH-60S is TBD. PEDDs will be required. The following H-60 maintenance TDs may need to be modified: <ul style="list-style-type: none"> • SH-60B and SH-60F CMTs • SH-60B and SH-60F AFCS Trainers • SH-60B and SH-60F Landing Gear/Wheel Brake Trainers • SH-60B and SH-60F Recovery, Assist, Secure, Traverse (RAST)/Tail Wheel/Rescue Hoist Trainers A new Avionics Maintenance Trainer (AMT) will be required.
Prerequisites	C-602-2039, Aviation Electrician's Mate O Level Strand Class A1

Title **H-60 Electrical/Instrument and Automatic Flight Control Systems Career Organizational Maintenance**

CIN D/E-602-0854

Model Manager .. MTU 1022, NAS North Island

Description Upon completion of this course, AE personnel will have advanced knowledge and skills including the theory of operation, organizational maintenance practices, testing and troubleshooting of the H-60 electrical/instruments and related systems to perform organizational maintenance in the squadron working environment.

Location MTU 1005, NAS Jacksonville
MTU 1022, NAS North Island

Length 16 days

RFT date Currently available. First quarter FY01 for CH-60S.

Skill identifier 8378

TTE/TD TTE for CH-60S is TBD.
PEDDs will be required.
The following H-60 maintenance TDs may need to be modified:

- SH-60B and SH-60F CMTs
- SH-60B and SH-60F AFCS Trainers

A new AMT will be required.

Prerequisites D/E-602-0855, H-60 Electrical/Instruments and Automatic Flight Systems Initial Organizational Level Maintenance

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

CIN D/E-602-0883

Model Manager .. MTU 1005, NAS Jacksonville

Description Upon completion of this course, the Aviation Structural Mechanics (AMH/S) will have sufficient knowledge of and skill in the H-60 airframes and related systems equipment, including operation, testing, maintenance, troubleshooting, and repair procedures, to perform, under limited supervision, organizational level maintenance in the squadron working environment.

Location MTU 1005, NAS Jacksonville
MTU 1022, NAS North Island

Length 32 days

RFT date Currently available. First quarter FY01 for CH-60S.

Skill identifier 8878

TTE/TD TTE for CH-60S is TBD.
PEDDs will be required.
The following H-60 maintenance TDs may need to be modified:

- SH-60F CMTs
- SH-60F Landing Gear/Wheel Brake Trainers
- SH-60F RAST/Tail Wheel/Rescue Hoist Trainers

Prerequisites C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Strand Class A1

Title H-60 Airframes and Hydraulics Systems Career Organizational Maintenance

CIN D/E-602-0882

Model Manager .. MTU 1005, NAS Jacksonville

Description Upon completion of this course, the AMH/S will have advanced knowledge of and skills in the H-60 airframes and related systems equipment, including testing, maintenance, troubleshooting and repair procedures, to perform organizational level maintenance in the squadron working environment.

Location MTU 1005, NAS Jacksonville
MTU 1022, NAS North Island

Length 9 days

RFT date Currently available. First quarter FY01 for CH-60S.

Skill identifier 8378

TTE/TD TTE for CH-60S is TBD.
PEDDs will be required.
The following H-60 maintenance TD may need to be modified: SH-60F CMTs

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

Title **CH-60S Electronics Systems Initial Organizational Maintenance**

CIN D/E-102-XXX1

Model Manager .. MTU 1066, NS Mayport

Description Upon completion of this course, AT personnel will have acquired sufficient skill and knowledge of the CH-60S avionics equipment, system analysis, maintenance, repair and troubleshooting techniques, to perform, under limited supervision, organizational level maintenance in the squadron working environment.

Location MTU 1066, NS Mayport
MTU 1022, NAS North Island

Length 68 days (estimated from SH-60B/F)

RFT date First quarter FY01

Skill identifier 88XX

TTE/TD TTE for CH-60S is TBD.
PEDDs will be required.
A new AMT will be required.

Prerequisites C-100-2018, Avionics Technician O Level Class A1

Title **CH-60S Electronic Systems Career Organizational Maintenance**

CIN D/E-102-XXX2

Model Manager .. MTU 1066, NS Mayport

Description Upon completion of this course, AT personnel will have sufficient knowledge and skills including theory of operation, organizational maintenance practices, and troubleshooting procedures of the CH-60S helicopter electronic systems, to perform organizational maintenance in the squadron working environment.

Location MTU 1066, NS Mayport
MTU 1022, NAS North Island

Length 19 days (estimated from SH-60B/F)

RFT date First quarter FY01

Skill identifier 83XX

TTE/TD TTE for CH-60S is TBD.
PEDDs will be required.
A new AMT will be required.

Prerequisites D/E-102-XXXX, CH-60S Electronics Systems Initial
Organizational Maintenance

**Title H-60 Armament and Related Systems Organizational
Maintenance**

CIN D/E-646-0840

Model Manager .. MTU 1022, NAS Jacksonville

Description Upon completion of this course, Aviation Ordnanceman
(AO) personnel will have sufficient knowledge and skills,
including theory of operation, organizational maintenance
practices and troubleshooting procedures of the H-60
helicopter ordnance systems, to perform organizational
maintenance in the squadron working environment.

Location MTU 1005, NAS Jacksonville
MTU 1022, NAS North Island

Length 43 days

RFT date Currently available. First quarter FY01 for CH-60S.

Skill identifier 8378

TTE/TD TTE for CH-60S is TBD. PEDDs will be required.
The following H-60 maintenance TDs may need to be
modified: SH-60F Ordnance System Trainers
A new AMT will be required.

Prerequisites C-646-2012, Aviation Ordnanceman Airwing Strand Class
A1

Title H-60 Non-Designated Airman/Plane Captain

CIN D/E-600-0811

Model Manager ... MTU 1022, NAS North Island

Description Upon completion of this course, the Airman will be able to
perform, under close supervision, limited organizational
maintenance on the H-60 aircraft.

Location MTU 1005, NAS Jacksonville
 MTU 1022, NAS North Island

Length 23 days

RFT date Currently available. First quarter FY01 for CH-60S.

Skill identifier None

TTE/TD TTE for CH-60S is TBD.
 PEDDs will be required.
 The following H-60 maintenance TDs may need to be modified:

- SH-60F CMTs
- SH-60F Landing Gear/Wheel Brake Trainers

Prerequisites A-950-0069, Airman Apprentice Training

c. Student Profiles. Table 2 below depicts the profiles of students that will attend CH-60S training.

TABLE 2 - CH-60S STUDENT PROFILES	
SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
1311	Q-2A-0001, Primary Flight Training Q-2A-0010, Joint T-34C/T-6A (JPATS) Intermediate Flight Training Q-2A-0015, Undergraduate Helicopter Pilot Training E-2D-0032, Survival, Evasion, Resistance, and Escape Training J-495-0413, Shipboard Aircraft Firefighting.
82XX	Q-050-1500, Naval Aircrewman Candidate School Q-050-0600, Aviation Rescue Swimmer School E-2D-0032, Survival, Evasion, Resistance, and Escape Training
AD 8878	C-601-2011, Aviation Machinist's Mate Common Core Class A1 C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

TABLE 2 - CH-60S STUDENT PROFILES	
SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AD 8378	C-601-2011, Aviation Machinist's Mate Common Core Class A1 C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1 D/E-602-0810, H-60 Power Plants and Related Systems Initial Organizational Maintenance
AE 8878	C-100-2020, Avionics Common Core Class A1 C-602-2039, Aviation Electrician's Mate O Level Strand Class A1
AE 8378	C-100-2020, Avionics Common Core Class A1 C-602-2039, Aviation Electrician's Mate O Level Strand Class A1 D/E-602-0855, H-60 Electrical/Instruments and Automatic Flight Control Systems Initial Organizational Maintenance
AMH/S 8878	C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1 C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Strand Class A1
AMH/S 8378	C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1 C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Strand Class A1 D/E-602-0883, H-60 Airframes and Hydraulic Systems Initial Organizational Maintenance
AT 88XX	C-100-2020, Avionics Common Core Class A1 C-100-2018, Avionics Technician O Level Class A1
AT 83XX	C-100-2020, Avionics Common Core Class A1 C-100-2018, Avionics Technician O Level Class A1 D/E-102-XXX1, CH-60S Electronics Systems Initial Organizational Maintenance

TABLE 2 - CH-60S STUDENT PROFILES	
SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AO 8378	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1
AN	A-950-0069, Airman Apprentice Training

d. Training Pipelines. Table 3 below contains the proposed new training tracks required to support the CH-60S.

TABLE 3 – PROPOSED NEW CH-60S TRAINING TRACKS			
TRACK NUMBER	TRACK TITLE	LOCATION	RFT DATE
E-2C-XXX1	CH-60S Fleet Replacement Pilot Category I Pipeline	HC-3, NAS North Island	FY01
E-2C-XXX2	CH-60S Fleet Replacement Pilot Category II Pipeline	HC-3, NAS North Island	FY01
E-2C-XXX3	CH-60S Fleet Replacement Pilot Category III Pipeline	HC-3, NAS North Island	FY01
E-2C-XXX4	CH-60S Fleet Replacement Pilot Category IV Pipeline	HC-3, NAS North Island	FY01
E-2C-XXX5	CH-60S Fleet Replacement Pilot Category V Pipeline	HC-3, NAS North Island	FY01
E-050-XXX1	CH-60S MMH Aircrewman Category I Pipeline	HC-3, NAS North Island	FY01
E-050-XXX2	CH-60S MMH Aircrewman Category II Pipeline	HC-3, NAS North Island	FY01
E-050-XXX3	CH-60S MMH Aircrewman Category III Pipeline	HC-3, NAS North Island	FY01
E-050-XXX5	CH-60S MMH Aircrewman Category V Pipeline	HC-3, NAS North Island	FY01

TABLE 3 – PROPOSED NEW CH-60S TRAINING TRACKS			
TRACK NUMBER	TRACK TITLE	LOCATION	RFT DATE
D/E-102-XXX1	CH-60S Electronics Systems Initial Organizational Maintenance	MTU 1022, NAS North Island MTU 1005, NAS Jacksonville	FY01
D/E-102-XXX2	CH-60S Electronic Systems Career Organizational Maintenance	MTU 1022, NAS North Island MTU 1005, NAS Jacksonville	FY01

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

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

Note: MTIP for the CH-60S currently does not exist. It will be developed following development of the CH-60S training curriculum.

b. Aviation Maintenance In-Service Training. Aviation Maintenance In-Service Training (AMIST) is intended to support the Fleet training requirements now satisfied by Maintenance Training Improvement Program and in that sense is the planned replacement. However, it is structured very differently, and will function as an integral part of the new Aviation Maintenance Training Continuum System (AMTCS) that will replace the existing aviation maintenance training structure. AMIST will provide standardized instruction to bridge the training gaps between initial and career training. With the implementation of AMIST, the technician will be provided the training required to maintain a level of proficiency necessary to effectively perform the required tasks to reflect a career progression.

AMTCS redesigns the aviation training process (training continuum), and introduces Computer-Based Training (CBT) throughout the Navy technical training process. The

application and adoption of recent advances in computer hardware and software technology have enabled CBT with its basic elements of Computer Managed Instruction, Computer Aided Instruction, and Interactive Courseware to be integrated into the training continuum and provide essential support for standardizing technical training.

The AMTCS Project Plan denotes that NAMTG MTUs 1005, and 1022 began the transition to CBT in second quarter FY98 and are estimated to be complete by the first quarter FY00. Therefore, it is anticipated that H-60 Maintenance training will be in CBT/Computer Aided Instruction format prior to the CH-60S curriculum being introduced. The Naval Aviation Training Systems Program Office (PMA205) will develop a separate CH-60S CBT that will be incorporated into the existing H-60 CBT. This CH-60S CBT will be compatible with the legacy H-60 CBT and be utilized in the AMTCS environment.

2. Personnel Qualification Standards. Currently, the reserve HCS squadrons utilize Personnel Qualification Standards (PQS) to train and qualify pilots and enlisted aircrewmen in the HH-60H helicopter.

3. Other Onboard or In-service Training Packages. AD, AE, AMH, AMS, and AO personnel who were previously trained and awarded NECs 8378 or 8878 will retain these NECs for the CH-60S helicopter. These personnel will acquire the sufficient knowledge and skills of the CH-60S systems through the on-the-job-training process and may be supplemented by contractor engineering and technical services.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
DAAJ09-97-C-005	Sikorsky Aircraft Corporation	6900 Main Street P.O. Box 9727 Stratford, CT 06497-9129

2. Program Documentation. The Draft CH-60S Acquisition Logistics Support Plan has been distributed and applies to all phases of the CH-60S Life-Cycle beginning with the initial demonstration and ending with phase out of the CH-60 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 CH-60S technical publications will be produced, distributed, and supported in an IETMs format, including software and hardware support. The

CH-60S technical publications will support the airframe, mission avionics, engine, and support equipment, and will be developed with close coordination between Naval Air Technical Services Facility, applicable NAVAIRSYSCOM Field Activities, and contractor personnel.

4. Test Sets, Tools, and Test Equipment. Since the CH-60S is a derivative of other existing H-60 systems, most of the support equipment required is available in the Government inventory. Newly designed CH-60S avionics systems will be compatible with the AN/USM-636(V) Consolidated Automated Support System (CASS). 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 will be updated to reflect CH-60S applicability on the HH-60H common parts. A Parts Difference List will be developed using the HH-60H and CH-60S Engineering Gross Requirements List (GRL) and applicable NAVICP tapes. A comparison of the HH-60H and CH-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 CH-60S for delivering to NAVICP. Support for the Common Cockpit may change to “Original Equipment Manufacturer”. This could result in the elimination of organic intermediate and depot levels spare and repair part requirements. 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 CH-60S has been tentatively set for the fourth quarter FY03.

6. Human Systems Integration. The Human Systems Integration (HSI) Plan establishes the basis for effective integration of human factors engineering, manpower, personnel, training, health hazards, and safety considerations into the CH-60S acquisition as outlined in Department of Defense (DoD) Instruction 5000.2R. The NAVAIRSYSCOM Multi-Mission Helicopter HSI Integrated Process Team is currently working on the draft version of this plan.

K. SCHEDULES

1. Installation and Delivery Schedules

TABLE 4 - CH-60S UNIT TYPE AND FIELDING YEAR (CALENDAR)											
UNIT TYPE	00	01	02	03	04	05	06	07	08	09	TOTAL
NAVY ACTIVE:											
HC-3	7	2	4	4	0	0	0	0	0	0	17
HC-5	0	10	4	0	0	0	0	0	0	0	14
HC-6	0	6	10	0	0	0	0	0	0	0	16

TABLE 4 - CH-60S UNIT TYPE AND FIELDING YEAR (CALENDAR)											
UNIT TYPE	00	01	02	03	04	05	06	07	08	09	TOTAL
HC-8	0	0	0	0	8	8	0	0	0	0	16
HC-11	0	0	0	0	13	8	0	0	0	0	21
HC-2	0	0	0	0	0	11	0	0	0	0	11
HS-10	0	0	0	0	0	0	1	3	0	0	4
HS-2	0	0	0	0	0	0	0	2	0	0	2
HS-4	0	0	0	0	0	0	0	2	0	0	2
HS-6	0	0	0	0	0	0	0	2	0	0	2
HS-8	0	0	0	0	0	0	0	2	0	0	2
HS-14	0	0	0	0	0	0	0	2	0	0	2
HS-3	0	0	0	0	0	0	0	2	0	0	2
HS-5	0	0	0	0	0	0	0	0	2	0	2
HS-7	0	0	0	0	0	0	0	0	2	0	2
HS-11	0	0	0	0	0	0	0	0	2	0	2
HS-15	0	0	0	0	0	0	0	0	2	0	2
NSAWC	0	0	0	0	0	0	0	3	0	0	3
HM-14	0	0	0	0	0	5	5	6	0	0	16
HM-15	0	0	0	0	0	0	0	0	8	7	15
NAVY RESERVE:											
HC-85	0	0	2	6	0	0	0	0	0	0	8
TOTAL	7	18	20	10	21	32	6	24	16	7	161

2. Ready For Operational Use Schedule. The CH-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. There are currently no plans for FMS of the CH-60S helicopter.

5. Training Device and Technical Training Equipment Delivery Schedule. The CH-60S training system will include both operator and maintenance training. All CH-60S training

devices will be common with the current training suites to the greatest extent possible and will provide a growth path to the SH-60R. All training devices will utilize a common H-60 weapon system design architecture and will comply with DoD directives for networking as applicable in their design.

a. Operator Training Devices. Operator training will utilize a Weapon System Trainer (WST) and a Tactical/Operational Flight Trainer (T/OFT). These devices will integrate full aircraft weapon system functionality of pilot and aircrew stations, provide a flight fidelity visual system, and will provide simulation of the full range of aircraft missions.

(1) Weapon System Trainer. There are currently eight H-60 WSTs. Four of these are SH-60F trainers and four are SH-60B trainers. Under the current CH-60S (and SH-60R) training concept, these trainers will be modified to CH-60S/SH-60R WSTs. The WST will come into play only when the CSAR and AMCM variants are in the fleet. Once converted, they will feature a full flight fidelity capability. The visual systems will include a high fidelity day-night image generator, databases, and night vision device compatibility. Full weapon system functionality will be provided, including Forward Looking Infrared, Hellfire, Aircraft Survivability Equipment, Navigation, Communication, etc., with the cockpit providing full tactile sensations.

(2) Tactical/Operational Flight Trainer. There are currently two H-60 T/OFTs. Both of these are SH-60B trainers. Under the current CH-60S (and SH-60R) training concept, both of these trainers will be modified to CH-60S/SH-60R T/OFTs. In addition, two more of these trainers will be purchased for a total of four (a fifth T/OFT at NAF Atsugi is TBD). These trainers 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 night vision device compatibility. The T/OFT will improve aviation safety by allowing the aircrew to practice emergency procedures and refine their aircrew coordination skills. Table 5 displays the location of the WSTs and T/OFTs and their estimated Ready For Training (RFT) dates.

TABLE 5 - PROPOSED CH-60S/SH-60R OPERATOR TRAINING DEVICES					
ACTIVITY	WST	T/OFT	CONTRACT DATE	RFT DATE	COMMENTS
NAS North Island		X	FY99	FY00	New Manufacture
NAF Atsugi		X	FY00	FY02	TBD
NAS North Island	X		FY01	FY02	SH-60B Conversion
NAS Jacksonville		X	FY02	FY03	New Manufacture
NAS North Island	X		FY03	FY04	SH-60B Conversion
NS Mayport		X	FY04	FY05	SH-60B Conversion
NAS North Island		X	FY05	FY06	SH-60B Conversion

TABLE 5 - PROPOSED CH-60S/SH-60R OPERATOR TRAINING DEVICES					
NAS Jacksonville	X		FY05	FY06	SH-60F Conversion
NAS North Island	X		FY06	FY07	SH-60F Conversion
NAS Jacksonville	X		FY07	FY08	SH-60F Conversion
NS Mayport	X		FY08	FY08	SH-60B Conversion
NS Mayport	X		TBD	TBD	SH-60B Conversion
NAS North Island	X		FY08	FY09	SH-60F Conversion

b. Maintenance Training Devices. There are numerous maintenance training devices associated with the existing SH-60F and HH-60H training systems. Some of these devices will require some degree of modification to support the CH-60S and SH-60R training concept. Table 6 displays these devices and an estimate of the degree of modification they will require to support the initial CH-60S training effort.

TABLE 6 - PROPOSED CH-60S/SH-60R MAINTENANCE TRAINING DEVICES				
DEVICE	LOCATION			COMMENTS
	MTU 1005	MTU 1022	MTU 1066	
SH-60F CMT	X	X		No Modification Required
SH-60F Landing Gear Trainer	X	X		Modification Required
SH-60F RAST/ Tail Wheel/Hoist Trainer	X	X		Modification Required
SH-60F Main Rotor Blade/BIM Service Trainer	X	X		No Modification Required
SH-60F Starboard Engine Trainer	X	X		No Modification Required
SH-60F AFCS Trainer	X	X		No Modification Required
SH-60F Ordnance System Trainer	X	X		No Modification Required
MMH Common Cockpit (AMT) Trainer		X	X	New Manufacture

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

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS. Table 7 lists the documents applicable to the CH-60S program.

TABLE 7 - RELATED NTSPs AND OTHER DOCUMENTS			
DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
Light Airborne Multi-Purpose System (LAMPS) MK-III	A-50-7702	PMA299	Approved Nov 94
SH-60F Carrier Inner-Zone ASW Helicopter	A-50-8508	PMA299	Preliminary Draft Nov 98
HH-60H Combat SAR-SWS Support Helicopter	A-50-8714	PMA299	Approved Dec 93
SH-60R Multi-Mission Helicopter	A-50-9403	PMA299	Draft Jun 94
H-46 Helicopter	A-50-9409	PMA226	Draft Jul 98
Aviation Maintenance Training Continuum System (AMTCS)	Z-50-0046	PMA205	Initial Feb 98
SH/UH-3H Helicopter Transition	A-50-8901	PMA225	Draft Aug 93
Mission Need Statement for a Fleet Combat Support (HC) Helicopter	NA	CNO-N88	Approved Apr 98
Operational Requirements Document for a CH-60S Fleet Combat Support (HC) Helicopter	NA	CNO-N88	Approved Mar 98
CH-60S-60S Cost Analysis Requirements Description	NA	PMA299	Approved

TABLE 7 - RELATED NTSPs AND OTHER DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
CH-60S Integrated Logistics Support Plan	NA	AIR-3.1.2Q	Draft Oct 97
Manpower Estimate Report for the USN CH-60S Fleet Combat Support Helicopter	NA	PMA299	Approved Apr 98

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the CH-60 Multi-Mission Helicopter and, therefore, are not included in Part II of this NTSP:

- II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule
- II.A.2.b. Billets to be Deleted in Operational and Fleet Support Activities
- II.A.2.c. Total Billets to be Deleted in Operational and Fleet Support Activities

II.A. BILLET REQUIREMENTS

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

SOURCE: NAVAIRSYSCOM 3.4

DATE: 1/11/99

ACTIVITY, UIC		PFYs	FY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITIES							
	NAVY						
Helicopter Combat Support Squadron 6 (shore)	31242	0	0	1	0	0	0
Helicopter Combat Support Squadron 6 (sea)	0381A	0	0	1	0	0	0
Helicopter Combat Support Squadron 8 (sea)	55219	0	0	0	0	0	1
Helicopter Combat Support Squadron 8 (shore)	55218	0	0	0	0	0	1
Helicopter Combat Support Squadron 11 (sea)	42300	0	0	0	0	0	1
Helicopter Combat Support Squadron 11 (shore)	53920	0	0	0	0	0	1
Helicopter Combat Support Squadron 5 (sea)	52961	0	0	1	0	0	0
Helicopter Combat Support Squadron 5 (shore)	09823	0	0	1	0	0	0
Helicopter Combat Support Squadron 85	09601	0	0	0	1	0	0
TOTAL:		0	0	4	1	0	4
FLEET SUPPORT ACTIVITIES							
	NAVY						
Helicopter Combat Support Squadron 3	09822	0	1	0	0	0	0
TOTAL:		0	1	0	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETTS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES	NAVY				
Helicopter Combat Support Squadron 6 (Shore), 31242, FY01					
ACDU	2	0	1302H		
	1	0	1312J		
	2	0	1520		
	1	0	2102		
	0	1	AKCS		
	0	1	AK1		9590
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	2	APOCS		
	0	1	APOC	8378	9502
	0	1	APO1	82XX	9502
	0	1	APO1	8301	
	0	1	APO1		9595
	0	6	APO2		
	0	1	APO2	8303	9502
	0	2	APO2	8378	9502
	0	1	AZ1		
	0	1	AZ1	6315	
	0	2	AZ2		
	0	1	DP3	2306	
	0	1	NC1		
	0	5	PO2		
	0	1	PR1		
	0	1	YNC		
	0	1	YN1		
	0	1	YN2		
	0	2	YN3		
	0	5	YNSN		
	0	20	AN		
TOTAL:	6	61			
Helicopter Combat Support Squadron 2 (Sea), 46817, FY05					
ACDU	48	0	1311		
	3	0	6330		
	3	0	7340		
	0	5	AD1	8378	
	0	6	AD2	8378	
	0	6	AD3		
	0	6	ADAN		
	0	2	AE1	8378	
	0	6	AE2	8378	
	0	3	AE3		
	0	6	AEAN		
	0	6	AK2		
	0	3	AKAN		
	0	8	AMH1	8378	

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	9	AMH3		
	0	6	AMHAN		
	0	2	AMS1	8378	9595
	0	6	AMS2	8378	
	0	6	AMSAN		
	0	3	APOCS		
	0	6	APOC		
	0	3	APOC	8215	82XX
	0	9	APO1	8215	82XX
	0	12	APO2	8215	82XX
	0	15	APO3	8215	82XX
	0	9	APOAN	82XX	
	0	1	AT1	82XX	
	0	6	AT2	82XX	
	0	3	ATAN		
	0	6	AZ2		
	0	3	AZAN		
	0	6	PR2		
	0	21	AN		
	TOTAL:	54	189		

Helicopter Combat Support Squadron 2 (Shore), 09212, FY05

ACDU	2	0	1302H		
	2	0	1520		
	1	0	2102		
	1	0	6330		
	0	1	AK1		
	0	1	AK2		9590
	0	1	AK3		
	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	AZ1		
	0	2	AZ2		
	0	1	AZ2	6315	
	0	1	AZAN		
	0	1	DP3	2306	
	0	1	NC1		
	0	5	PO2		
	0	3	PO3		
	0	1	PR1		
	0	1	YNC		
	0	1	YN1		
	0	2	YN2		
	0	2	YN3		

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	5	YNSN		
	0	18	AN		
TOTAL:	6	60			
Helicopter Combat Support Squadron 6 (Sea), 0381A, FY01					
ACDU	8	0	1311I		
	14	0	1311J		
	34	0	1311K		
	2	0	6330		
	4	0	7340		
	0	10	AD1	8378	
	0	7	AD2	8378	
	0	8	AD3	8878	
	0	8	ADAN	8878	
	0	1	AE1	8378	
	0	8	AE2	8378	
	0	8	AEAN	8878	
	0	8	AK2		
	0	1	AMH1	8378	9595
	0	6	AMH2	8378	
	0	8	AMHAN	8878	
	0	8	AMS1	8378	
	0	1	AMS1	8378	9595
	0	1	AMS2	8378	
	0	8	AMS3	8878	
	0	8	APOC		
	0	6	APOC	82XX	8215
	0	14	APO1	82XX	8215
	0	20	APO2	82XX	8215
	0	14	APO3	82XX	8215
	0	2	APOAN	82XX	8215
	0	1	AT1	82XX	
	0	8	AT2	82XX	
	0	6	ATAN	88XX	
	0	6	AZ2		
	0	8	PR2		
	0	14	AN		
TOTAL:	62	198			
Helicopter Combat Support Squadron 8 (Sea), 55219, FY04					
ACDU	8	0	1311I		
	14	0	1311J		
	34	0	1311K		
	2	0	6330		
	4	0	7340		
	0	10	AD1	8378	
	0	7	AD2	8378	
	0	8	AD3	8878	
	0	8	ADAN	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	1	AE1	8378	
	0	8	AE2	8378	
	0	8	AEAN	8878	
	0	8	AK2		
	0	1	AMH1	8378	9595
	0	6	AMH2	8378	
	0	8	AMHAN	8878	
	0	8	AMS1	8378	
	0	1	AMS1	8378	9595
	0	1	AMS2	8378	
	0	8	AMS3	8878	
	0	8	APOC		
	0	6	APOC	82XX	8215
	0	14	APO1	82XX	8215
	0	20	APO2	82XX	8215
	0	14	APO3	82XX	8215
	0	2	APOAN	82XX	8215
	0	1	AT1	82XX	
	0	8	AT2	82XX	
	0	6	ATAN	88XX	
0	6	AZ2			
0	8	PR2			
0	14	AN			
TOTAL:	62	198			
Helicopter Combat Support Squadron 8 (Shore), 55218, FY04					
ACDU	2	0	1302H		
	1	0	1312J		
	2	0	1520		
	1	0	2102		
	0	1	AKCS		
	0	1	AK1		9590
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	2	APOCS		
	0	1	APOC	8378	9502
	0	1	APO1	82XX	9502
	0	1	APO1	8301	
	0	1	APO1		9595
	0	6	APO2		
	0	1	APO2	8303	9502
	0	2	APO2	8378	9502
	0	1	AZ1		
	0	1	AZ1	6315	
	0	2	AZ2		
	0	1	DP3	2306	
0	1	NC1			
0	5	PO2			
0	1	PR1			

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	YNC		
	0	1	YN1		
	0	1	YN2		
	0	2	YN3		
	0	5	YNSN		
	0	20	AN		
TOTAL:	6	61			
Helicopter Combat Support Squadron 11 (Sea), 42300, FY04					
ACDU	9	0	1311I		
	18	0	1311J		
	45	0	1311K		
	9	0	6330		
	0	9	AD1	8378	
	0	9	AD2	8378	
	0	9	AD3	8878	
	0	9	ADAN	8878	
	0	9	AE2	8378	
	0	9	AEAN	8878	
	0	9	AK2		
	0	9	AMH2	8378	
	0	9	AMHAN	8878	
	0	9	AMS1	8378	
	0	9	AMS3	8878	
	0	9	APOC		
	0	2	APOC	82XX	8215
	0	11	APO1	82XX	8215
	0	27	APO2	82XX	8215
	0	9	APO3		
	0	25	APO3	82XX	8215
	0	7	APOAN	82XX	8215
	0	9	AT2	82XX	
	0	9	ATAN	88XX	
	0	9	AZ2		
	0	9	PR2		
	0	9	AN		
TOTAL:	81	234			
Helicopter Combat Support Squadron 11 (Shore), 53920, FY04					
ACDU	2	0	1302H		
	1	0	1520		
	1	0	2102		
	1	0	6330		
	1	0	7340		
	0	1	AD1	8378	
	0	1	AE1	8378	
	0	1	AK1		
	0	1	AK2		9590
	0	1	AMH1	8378	

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	AMS1	8378	
	0	1	AMS1	8378	9595
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	2	APOCS		
	0	1	APO1	8301	
	0	1	APO1		9595
	0	5	APO2		
	0	1	AT1	82XX	
	0	1	AZ1		
	0	1	AZ1	6315	
	0	2	AZ2		
	0	1	AZAN		
	0	1	DP3	2306	
	0	1	NC1		
	0	5	PO2		
	0	3	PO3		
	0	1	PR1		
	0	1	YNC		
	0	1	YN1		
0	3	YN2			
0	2	YN3			
0	5	YNSN			
0	20	AN			
TOTAL:	6	67			
Helicopter Combat Support Squadron 5 (Sea), 52961, FY01					
ACDU	9	0	1311I		
	27	0	1311J		
	60	0	1311K		
	7	0	6330		
	5	0	7340		
	0	18	AD1	8378	
	0	11	AD2	8378	
	0	12	AD3	8878	
	0	15	ADAN	8878	
	0	4	AE1	8378	
	0	7	AE2	8378	
	0	4	AE3	8878	
	0	10	AEAN	8878	
	0	1	AK1		
	0	9	AK2		
	0	3	AK3		
	0	2	AMH1	8378	
	0	7	AMH2	8378	
	0	2	AMH3	8878	
	0	11	AMHAN	8878	
0	9	AMS1	8378		
0	1	AMS1	8378	9595	

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	5	AMS2	8378	
	0	12	AMS3	8878	
	0	6	AMSAN	8878	
	0	1	APOCS	82XX	8215
	0	12	APOC		
	0	7	APOC	82XX	8215
	0	1	APO1		
	0	17	APO1	82XX	8215
	0	7	APO2		
	0	2	APO2	82XX	
	0	25	APO2	82XX	8215
	0	1	APO3		
	0	3	APO3	82XX	
	0	41	APO3	82XX	8215
	0	2	AT1	82XX	
	0	7	AT2	82XX	
	0	2	AT3	88XX	
	0	9	ATAN	88XX	
	0	8	AZ2		
	0	3	AZ3		
	0	1	PR1		
	0	8	PR2		
	0	1	PR3		
0	2	PRAN			
0	15	AN			
TOTAL:	108	324			
Helicopter Combat Support Squadron 5 (Shore), 09823, FY01					
ACDU	2	0	1302H		
	1	0	2102		
	1	0	6330		
	1	0	6380		
	0	1	AKC		
	0	1	AK1		
	0	1	AK2		9590
	0	1	AK3		
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	1	APO1		9595
	0	1	AZ1	6315	
	0	1	HM2		8406
	0	1	HM3		8406
	0	1	LN2		
	0	1	PN2		
	0	1	PN3		
	0	1	PNSN		
	0	1	PO1		
	0	4	PO2		
	0	3	PO3		

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	PR1		
	0	1	RM3	2306	
	0	1	YNC		
	0	1	YN1		
	0	1	YN2		
	0	1	YN3		
	0	3	YNSN		
	0	1	SN		
TOTAL:	5	32			
Helicopter Combat Support Squadron 85, 09601, FY02					
ACDU	1	0	6330		
TAR	1	0	1311I		
	7	0	1311J		
	1	0	1520		
	0	2	AD1	8378	
	0	5	AD2	8378	
	0	4	AD3		
	0	1	AD3		6426
	0	4	ADAN		
	0	2	AE1	8378	
	0	3	AE2	8378	
	0	4	AE3		
	0	1	AE3		7144
	0	1	AEAN		
	0	1	AK1		
	0	1	AK2		
	0	1	AK2		9590
	0	2	AMH1	8378	
	0	4	AMH2	8378	
	0	2	AMH3		
	0	1	AMH3	7212	
	0	3	AMHAN		
	0	1	AMS1	8378	9595
	0	3	AMS2	8378	
	0	3	AMS3		
	0	1	AMS3	7232	
	0	2	AMSAN		
	0	1	AO2		
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	3	APOCS		
	0	7	APOC		
	0	2	APO1		
	0	4	APO1	82XX	8215
	0	1	APO1		9595
	0	3	APO2		
	0	4	APO2		8215
	0	1	APO3		

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	4	APO3	82XX	8215	
	0	4	APOAN	82XX		
	0	2	AT1	82XX		
	0	1	AT2	6611	6613	
	0	3	AT2	82XX		
	0	1	AT3			
	0	1	AT3	6606		
	0	1	ATAN			
	0	1	AZ1			
	0	2	AZ2			
	0	1	AZ2	6315		
	0	1	AZ3			
	0	1	NC1			
	0	1	PN1			
	0	1	PN2			
	0	1	PN3			
	0	1	PO2			
	0	1	PR1			
	0	1	PR2			
	0	1	PR3			
	0	1	PRAN			
	0	1	RM3	2735		
	0	1	YNC			
	0	1	YN2			
	0	1	YN3			
	SELRES	0	5	AN		
		2	0	1311H		
3		0	1311I			
19		0	1311J			
1		0	2102			
0		3	AD1	8378		
0		4	AD3			
0		4	ADAN			
0		4	ADAN		6426	
0		3	AE1	8378		
0		1	AE2	8378		
0		1	AE3			
0		4	AEAN			
0		1	AKC			
0		1	AK3			
0		1	AKAN			
0		4	AMH1	8378		
0		3	AMH3			
0		2	AMHAN			
0		1	AMSC	8378		
0		1	AMS2	8378		
0		2	AMS3			
0		3	AMSAN			
0		1	APOCM	8300		

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	APOCM		9580
	0	1	APO1		
	0	4	APO2		
	0	8	APO2	82XX	8215
	0	4	APO3	82XX	8215
	0	4	APOAN	82XX	
	0	1	AT2	82XX	
	0	3	ATAN		
	0	3	AZ3		
	0	1	AZAN		
	0	2	PO2		
	0	1	PO3		
	0	1	YN2		
	0	1	YN3		
	0	1	YNSN		
	0	27	AN		
	TOTAL:	35	227		
FLEET SUPPORT ACTIVITIES					
					NAVY
Helicopter Combat Support Squadron 3, 09822, FY00					
ACDU	2	0	1312H		
	6	0	1312I		
	25	0	1312J		
	2	0	1520		
	1	0	2102		
	1	0	6330		
	1	0	7321		
	0	1	ADC	8378	
	0	5	AD1	8378	
	0	6	AD2	8378	
	0	9	AD3	8878	
	0	11	ADAN	8878	
	0	1	AEC	8378	
	0	4	AE1	8378	
	0	4	AE2	8378	
	0	4	AE3	8878	
	0	6	AEAN	8878	
	0	1	AK1		
	0	2	AK2		
	0	1	AK2		9590
	0	2	AK3		
	0	2	AKAN		
	0	1	AMHC	8378	
	0	3	AMH1	8378	
	0	4	AMH2	8378	
	0	4	AMH3	8878	
	0	5	AMHAN	8878	
	0	1	AMSC	8378	

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	3	AMS1	8378	
	0	1	AMS1	8378	9595
	0	7	AMS2	8378	
	0	5	AMS3	8878	
	0	12	AMSAN	8878	
	0	1	AO1	8378	
	0	1	AO2	8378	
	0	2	AO3	8878	
	0	2	AOAN	8878	
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	6	APOCS		
	0	1	APOCS	82XX	8215
	0	5	APOC		
	0	3	APOC	82XX	8215
	0	5	APO1		
	0	6	APO1	82XX	8215
	0	7	APO2		
	0	10	APO2	82XX	8215
	0	4	APO3		
	0	6	APO3	82XX	8215
	0	1	ATC	82XX	
	0	2	AT1	82XX	
	0	4	AT2	82XX	
	0	5	AT3	88XX	
	0	4	ATAN	88XX	
	0	1	AZC		
	0	1	AZ1		
	0	1	AZ1	6315	
	0	3	AZ2		
	0	1	AZ3		
	0	5	AZAN		
	0	1	NC1		
	0	5	PO2		
	0	1	PO3		
	0	1	PR1		
	0	2	PR2		
	0	2	PR3		
	0	2	PRAN		
	0	1	YNCS		
	0	1	YN1		
	0	2	YN2		
	0	3	YN3		
	0	6	YNSN		
	0	45	AN		
TOTAL:	38	266			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL										
OPERATIONAL NAVY ACTIVITIES - ACDU													
1302H		0		0		4		4		4		8	
1311		0		0		0		0		0		0	
1311I		0		0		17		17		17		34	
1311J		0		0		41		41		41		73	
1311K		0		0		94		94		94		173	
1312J		0		0		1		1		1		2	
1520		0		0		2		2		2		5	
2102		0		0		2		2		2		4	
6330		0		0		10		11		11		23	
6380		0		0		1		1		1		1	
7340		0		0		9		9		9		14	
AD1	8378		0		0	28		28		28		48	
AD2	8378		0		0	18		18		18		34	
AD3			0		0	0		0		0		0	
AD3	8878		0		0	20		20		20		37	
ADAN			0		0	0		0		0		0	
ADAN	8878		0		0	23		23		23		40	
AE1	8378		0		0	5		5		5		7	
AE2	8378		0		0	15		15		15		32	
AE3			0		0	0		0		0		0	
AE3	8878		0		0	4		4		4		4	
AEAN			0		0	0		0		0		0	
AEAN	8878		0		0	18		18		18		35	
AKCS			0		0	1		1		1		2	
AKC			0		0	1		1		1		1	
AK1			0		0	2		2		2		3	
AK1	9590		0		0	1		1		1		2	
AK2			0		0	17		17		17		34	
AK2	9590		0		0	1		1		1		2	
AK3			0		0	4		4		4		4	
AKAN			0		0	0		0		0		0	
AMH1	8378		0		0	2		2		2		3	
AMH1	8378	9595	0		0	1		1		1		2	
AMH2	8378		0		0	13		13		13		28	
AMH3			0		0	0		0		0		0	
AMH3	8878		0		0	2		2		2		2	
AMHAN			0		0	0		0		0		0	
AMHAN	8878		0		0	19		19		19		36	
AMS1	8378		0		0	17		17		17		35	
AMS1	8378	9595	0		0	2		2		2		4	
AMS2	8378		0		0	6		6		6		7	
AMS3	8878		0		0	20		20		20		37	
AMSAN			0		0	0		0		0		0	
AMSAN	8878		0		0	6		6		6		6	
APOCM		9580	0		0	2		2		2		4	
APOCM	8300		0		0	2		2		2		4	

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs		FY00		FY01		FY02		FY03		FY04	
			OFF	ENL										
APOCS			0	0	0	0	2	2	2	2	2	6		
APOCS	82XX	8215	0	0	0	0	1	1	1	1	1	1		
APOC			0	0	0	0	20	20	20	20	20	37		
APOC	8215	82XX	0	0	0	0	0	0	0	0	0	0		
APOC	82XX	8215	0	0	0	0	13	13	13	13	13	21		
APOC	8378	9502	0	0	0	0	1	1	1	1	1	2		
APO1			0	0	0	0	1	1	1	1	1	1		
APO1		9595	0	0	0	0	2	2	2	2	2	4		
APO1	8215	82XX	0	0	0	0	0	0	0	0	0	0		
APO1	82XX	8215	0	0	0	0	31	31	31	31	31	56		
APO1	82XX	9502	0	0	0	0	1	1	1	1	1	2		
APO1	8301		0	0	0	0	1	1	1	1	1	3		
APO2			0	0	0	0	13	13	13	13	13	24		
APO2	8215	82XX	0	0	0	0	0	0	0	0	0	0		
APO2	82XX		0	0	0	0	2	2	2	2	2	2		
APO2	82XX	8215	0	0	0	0	45	45	45	45	45	92		
APO2	8303	9502	0	0	0	0	1	1	1	1	1	2		
APO2	8378	9502	0	0	0	0	2	2	2	2	2	4		
APO3			0	0	0	0	1	1	1	1	1	10		
APO3	8215	82XX	0	0	0	0	0	0	0	0	0	0		
APO3	82XX		0	0	0	0	3	3	3	3	3	3		
APO3	82XX	8215	0	0	0	0	55	55	55	55	55	94		
APOAN	82XX		0	0	0	0	0	0	0	0	0	0		
APOAN	82XX	8215	0	0	0	0	2	2	2	2	2	11		
AT1	82XX		0	0	0	0	3	3	3	3	3	5		
AT2	82XX		0	0	0	0	15	15	15	15	15	32		
AT3	88XX		0	0	0	0	2	2	2	2	2	2		
ATAN			0	0	0	0	0	0	0	0	0	0		
ATAN	88XX		0	0	0	0	15	15	15	15	15	30		
AZ1			0	0	0	0	1	1	1	1	1	3		
AZ1	6315		0	0	0	0	2	2	2	2	2	4		
AZ2			0	0	0	0	16	16	16	16	16	35		
AZ2	6315		0	0	0	0	0	0	0	0	0	0		
AZ3			0	0	0	0	3	3	3	3	3	3		
AZAN			0	0	0	0	0	0	0	0	0	1		
DP3	2306		0	0	0	0	1	1	1	1	1	3		
HM2		8406	0	0	0	0	1	1	1	1	1	1		
HM3		8406	0	0	0	0	1	1	1	1	1	1		
LN2			0	0	0	0	1	1	1	1	1	1		
NC1			0	0	0	0	1	1	1	1	1	3		
PN2			0	0	0	0	1	1	1	1	1	1		
PN3			0	0	0	0	1	1	1	1	1	1		
PNSN			0	0	0	0	1	1	1	1	1	1		
PO1			0	0	0	0	1	1	1	1	1	1		
PO2			0	0	0	0	9	9	9	9	9	19		
PO3			0	0	0	0	3	3	3	3	3	6		
PR1			0	0	0	0	3	3	3	3	3	5		
PR2			0	0	0	0	16	16	16	16	16	33		
PR3			0	0	0	0	1	1	1	1	1	1		

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL										
PRAN			0		0		2		2		2		2
RM3	2306		0		0		1		1		1		1
YNC			0		0		2		2		2		4
YN1			0		0		2		2		2		4
YN2			0		0		2		2		2		6
YN3			0		0		3		3		3		7
YNSN			0		0		8		8		8		18
AN			0		0		49		49		49		112
SN			0		0		1		1		1		1
OPERATIONAL NAVY ACTIVITIES - TAR													
1311I			0		0		0		1		1		1
1311J			0		0		0		7		7		7
1520			0		0		0		1		1		1
AD1	8378		0		0		0		2		2		2
AD2	8378		0		0		0		5		5		5
AD3			0		0		0		4		4		4
AD3		6426	0		0		0		1		1		1
ADAN			0		0		0		4		4		4
AE1	8378		0		0		0		2		2		2
AE2	8378		0		0		0		3		3		3
AE3			0		0		0		4		4		4
AE3		7144	0		0		0		1		1		1
AEAN			0		0		0		1		1		1
AK1			0		0		0		1		1		1
AK2			0		0		0		1		1		1
AK2		9590	0		0		0		1		1		1
AMH1	8378		0		0		0		2		2		2
AMH2	8378		0		0		0		4		4		4
AMH3			0		0		0		2		2		2
AMH3		7212	0		0		0		1		1		1
AMHAN			0		0		0		3		3		3
AMS1	8378	9595	0		0		0		1		1		1
AMS2	8378		0		0		0		3		3		3
AMS3			0		0		0		3		3		3
AMS3		7232	0		0		0		1		1		1
AMSAN			0		0		0		2		2		2
AO2			0		0		0		1		1		1
APOCM		9580	0		0		0		1		1		1
APOCM	8300		0		0		0		1		1		1
APOCS			0		0		0		3		3		3
APOC			0		0		0		7		7		7
APO1			0		0		0		2		2		2
APO1		9595	0		0		0		1		1		1
APO1	82XX	8215	0		0		0		4		4		4
APO2			0		0		0		3		3		3
APO2		8215	0		0		0		4		4		4
APO3			0		0		0		1		1		1
APO3	82XX	8215	0		0		0		4		4		4

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL										
APOAN	82XX		0		0		0		4		4		4
AT1	82XX		0		0		0		2		2		2
AT2	6611	6613	0		0		0		1		1		1
AT2	82XX		0		0		0		3		3		3
AT3			0		0		0		1		1		1
AT3	6606		0		0		0		1		1		1
ATAN			0		0		0		1		1		1
AZ1			0		0		0		1		1		1
AZ2			0		0		0		2		2		2
AZ2	6315		0		0		0		1		1		1
AZ3			0		0		0		1		1		1
NC1			0		0		0		1		1		1
PN1			0		0		0		1		1		1
PN2			0		0		0		1		1		1
PN3			0		0		0		1		1		1
PO2			0		0		0		1		1		1
PR1			0		0		0		1		1		1
PR2			0		0		0		1		1		1
PR3			0		0		0		1		1		1
PRAN			0		0		0		1		1		1
RM3	2735		0		0		0		1		1		1
YNC			0		0		0		1		1		1
YN2			0		0		0		1		1		1
YN3			0		0		0		1		1		1
AN			0		0		0		5		5		5

OPERATIONAL NAVY ACTIVITIES - SELRES

1311H			0		0		0		2		2		2
1311I			0		0		0		3		3		3
1311J			0		0		0		19		19		19
2102			0		0		0		1		1		1
AD1	8378		0		0		0		3		3		3
AD3			0		0		0		4		4		4
ADAN			0		0		0		4		4		4
ADAN		6426	0		0		0		4		4		4
AE1	8378		0		0		0		3		3		3
AE2	8378		0		0		0		1		1		1
AE3			0		0		0		1		1		1
AEAN			0		0		0		4		4		4
AKC			0		0		0		1		1		1
AK3			0		0		0		1		1		1
AKAN			0		0		0		1		1		1
AMH1	8378		0		0		0		4		4		4
AMH3			0		0		0		3		3		3
AMHAN			0		0		0		2		2		2
AMSC	8378		0		0		0		1		1		1
AMS2	8378		0		0		0		1		1		1
AMS3			0		0		0		2		2		2
AMSAN			0		0		0		3		3		3

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL										
APOCM	9580		0		0		0		1		1		1
APOCM	8300		0		0		0		1		1		1
APO1			0		0		0		1		1		1
APO2			0		0		0		4		4		4
APO2	82XX 8215		0		0		0		8		8		8
APO3	82XX 8215		0		0		0		4		4		4
APOAN	82XX		0		0		0		4		4		4
AT2	82XX		0		0		0		1		1		1
ATAN			0		0		0		3		3		3
AZ3			0		0		0		3		3		3
AZAN			0		0		0		1		1		1
PO2			0		0		0		2		2		2
PO3			0		0		0		1		1		1
YN2			0		0		0		1		1		1
YN3			0		0		0		1		1		1
YNSN			0		0		0		1		1		1
AN			0		0		0		27		27		27

FLEET SUPPORT NAVY ACTIVITIES - ACDU

1312H		0		2		2		2		2		2	
1312I		0		6		6		6		6		6	
1312J		0		25		25		25		25		25	
1520		0		2		2		2		2		2	
2102		0		1		1		1		1		1	
6330		0		1		1		1		1		1	
7321		0		1		1		1		1		1	
ADC	8378		0		1		1		1		1		1
AD1	8378		0		5		5		5		5		5
AD2	8378		0		6		6		6		6		6
AD3	8878		0		9		9		9		9		9
ADAN	8878		0		11		11		11		11		11
AEC	8378		0		1		1		1		1		1
AE1	8378		0		4		4		4		4		4
AE2	8378		0		4		4		4		4		4
AE3	8878		0		4		4		4		4		4
AEAN	8878		0		6		6		6		6		6
AK1			0		1		1		1		1		1
AK2			0		2		2		2		2		2
AK2	9590		0		1		1		1		1		1
AK3			0		2		2		2		2		2
AKAN			0		2		2		2		2		2
AMHC	8378		0		1		1		1		1		1
AMH1	8378		0		3		3		3		3		3
AMH2	8378		0		4		4		4		4		4
AMH3	8878		0		4		4		4		4		4
AMHAN	8878		0		5		5		5		5		5
AMSC	8378		0		1		1		1		1		1
AMS1	8378		0		3		3		3		3		3
AMS1	8378 9595		0		1		1		1		1		1

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL										
AMS2	8378		0		7		7		7		7		7
AMS3	8878		0		5		5		5		5		5
AMSAN	8878		0		12		12		12		12		12
AO1	8378		0		1		1		1		1		1
AO2	8378		0		1		1		1		1		1
AO3	8878		0		2		2		2		2		2
AOAN	8878		0		2		2		2		2		2
APOCM	9580		0		1		1		1		1		1
APOCM	8300		0		1		1		1		1		1
APOCS			0		6		6		6		6		6
APOCS	82XX	8215	0		1		1		1		1		1
APOC			0		5		5		5		5		5
APOC	82XX	8215	0		3		3		3		3		3
APO1			0		5		5		5		5		5
APO1	82XX	8215	0		6		6		6		6		6
APO2			0		7		7		7		7		7
APO2	82XX	8215	0		10		10		10		10		10
APO3			0		4		4		4		4		4
APO3	82XX	8215	0		6		6		6		6		6
ATC	82XX		0		1		1		1		1		1
AT1	82XX		0		2		2		2		2		2
AT2	82XX		0		4		4		4		4		4
AT3	88XX		0		5		5		5		5		5
ATAN	88XX		0		4		4		4		4		4
AZC			0		1		1		1		1		1
AZ1			0		1		1		1		1		1
AZ1	6315		0		1		1		1		1		1
AZ2			0		3		3		3		3		3
AZ3			0		1		1		1		1		1
AZAN			0		5		5		5		5		5
NC1			0		1		1		1		1		1
PO2			0		5		5		5		5		5
PO3			0		1		1		1		1		1
PR1			0		1		1		1		1		1
PR2			0		2		2		2		2		2
PR3			0		2		2		2		2		2
PRAN			0		2		2		2		2		2
YNCS			0		1		1		1		1		1
YN1			0		1		1		1		1		1
YN2			0		2		2		2		2		2
YN3			0		3		3		3		3		3
YNSN			0		6		6		6		6		6
AN			0		45		45		45		45		45

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL										

SUMMARY TOTALS:

OPERATIONAL NAVY ACTIVITIES - ACDU													
		0	0	0	0	181	615	182	615	182	615	337	1175

OPERATIONAL NAVY ACTIVITIES - TAR													
		0	0	0	0	0	0	9	120	9	120	9	120

OPERATIONAL NAVY ACTIVITIES - SELRES													
		0	0	0	0	0	0	25	107	25	107	25	107

FLEET SUPPORT NAVY ACTIVITIES - ACDU													
		0	0	38	266	38	266	38	266	38	266	38	266

GRAND TOTAL:

NAVY ACTIVITIES - ACDU													
		0	0	38	266	219	881	220	881	220	881	375	1441

NAVY ACTIVITIES - TAR													
		0	0	0	0	0	0	9	120	9	120	9	120

NAVY ACTIVITIES - SELRES													
		0	0	0	0	0	0	25	107	25	107	25	107

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

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL										

INSTRUCTOR BILLETS

TRAINING ACTIVITY, LOCATION, UIC: Helicopter Antisubmarine Wing 1, NAS Jacksonville, Fla., 52956

ACDU														
ADC	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AE1	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AMS1	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
ATC	82XX	9502	0	0	0	0	0	1	0	1	0	1	0	1
TOTAL:			0	0	0	0	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif., 09822

ACDU														
1312J			0	0	24	0	24	0	24	0	24	0	24	0
APOCS	82XX	8215	0	0	0	1	0	1	0	1	0	1	0	1
APO1	82XX	8215	0	0	0	4	0	4	0	4	0	4	0	4
APO2	82XX	8215	0	0	0	6	0	6	0	6	0	6	0	6
TOTAL:			0	0	24	11	24	11	24	11	24	11	24	11

TRAINING ACTIVITY, LOCATION, UIC: NAMTRAGRUDET MTU 1005, NAS Jacksonville, Fla., 66051

ACDU														
ADC	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AD1	8378	9502	0	0	0	0	0	2	0	2	0	2	0	2
AEC	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AE1	8378	9502	0	0	0	0	0	4	0	4	0	4	0	4
AMH1	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AMH2	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AMS1	8378	9502	0	0	0	0	0	2	0	2	0	2	0	2
AMS2	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AOC	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AO1	8378	9502	0	0	0	0	0	2	0	2	0	2	0	2
TOTAL:			0	0	0	0	0	16	0	16	0	16	0	16

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

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL										

TRAINING ACTIVITY, LOCATION, UIC: NAMTRAGRUDET MTU 1022, NAS North Island, Calif., 66065

ACDU

ADC	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AD1	8378	9502	0	0	0	0	0	3	0	3	0	3	0	3
AEC	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AE1	8378	9502	0	0	0	0	0	5	0	5	0	5	0	5
AE2	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AMHC	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AMH1	8378	9502	0	0	0	0	0	2	0	2	0	2	0	2
AMH2	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AMS1	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AMS2	8378	9502	0	0	0	0	0	1	0	1	0	1	0	1
AO1	8378	9502	0	0	0	0	0	4	0	4	0	4	0	4
AO2	8378	9502	0	0	0	0	0	2	0	2	0	2	0	2
ATC	82XX	9502	0	0	0	0	0	1	0	1	0	1	0	1
AT1	82XX	9502	0	0	0	0	0	3	0	3	0	3	0	3
AT2	82XX	9502	0	0	0	0	0	1	0	1	0	1	0	1
TOTAL:			0	0	0	0	0	28	0	28	0	28	0	28

TRAINING ACTIVITY, LOCATION, UIC: NAMTRAGRUDET MTU 1066, NS Mayport, Fla., 666069

ACDU

ATC	82XX	9502	0	0	0	0	0	1	0	1	0	1	0	1
AT1	82XX	9502	0	0	0	0	0	2	0	2	0	2	0	2
TOTAL:			0	0	0	0	0	3	0	3	0	3	0	3

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		FY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRAGRUDET MTU 1005, NAS Jacksonville, Fla., 66051	Navy		0.0		0.0		8.2		2.9		2.9		11.1
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif., 09822	Navy	0.0	0.0	9.9	0.1	55.0	0.5	32.6	0.2	31.8	0.2	73.4	0.6
NAMTRAGRUDET MTU 1022, NAS North Island, Calif., 66065	Navy		0.0		2.0		18.7		11.2		10.4		21.3
NAMTRAGRUDET MTU 1066, NS Mayport, Fla., 66069	Navy		0.0		0.0		1.6		0.6		0.6		2.1
SUMMARY TOTAL:													
	Navy	0.0	0.0	9.9	2.1	55.0	29.0	32.6	14.9	31.8	14.1	73.4	35.2
GRAND TOTAL:													
		0.0	0.0	9.9	2.1	55.0	29.0	32.6	14.9	31.8	14.1	73.4	35.2

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC	BILLET BASE	FY00 +/- CUM	FY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM
a. OFFICER - NAVY							
Operational Billets ACDU and TAR							
1302H		0	0 0	4 4	0 4	0 4	4 8
1311		0	0 0	0 0	0 0	0 0	0 0
1311I		0	0 0	17 17	1 18	0 18	17 35
1311J		0	0 0	41 41	7 48	0 48	32 80
1311K		0	0 0	94 94	0 94	0 94	79 173
1312J		0	0 0	1 1	0 1	0 1	1 2
1520		0	0 0	2 2	1 3	0 3	3 6
2102		0	0 0	2 2	0 2	0 2	2 4
6330		0	0 0	10 10	1 11	0 11	12 23
6380		0	0 0	1 1	0 1	0 1	0 1
7340		0	0 0	9 9	0 9	0 9	5 14
Fleet Support Billets ACDU and TAR							
1312H		0	2 2	0 2	0 2	0 2	0 2
1312I		0	6 6	0 6	0 6	0 6	0 6
1312J		0	25 25	0 25	0 25	0 25	0 25
1520		0	2 2	0 2	0 2	0 2	0 2
2102		0	1 1	0 1	0 1	0 1	0 1
6330		0	1 1	0 1	0 1	0 1	0 1
7321		0	1 1	0 1	0 1	0 1	0 1
Instructor and Support (Staff) Billets ACDU and TAR							
1312J		0	24 24	0 24	0 24	0 24	0 24
Chargeable Student Billets ACDU and TAR							
		0	10 10	45 55	-22 33	-1 32	42 74
SELRES Billets							
1311H		0	0 0	0 0	2 2	0 2	0 2
1311I		0	0 0	0 0	3 3	0 3	0 3
1311J		0	0 0	0 0	19 19	0 19	0 19
2102		0	0 0	0 0	1 1	0 1	0 1
TOTAL NAVY OFFICER BILLETS:							
Operational		0	0 0	181 181	10 191	0 191	155 346
Fleet Support		0	38 38	0 38	0 38	0 38	0 38
Staff		0	24 24	0 24	0 24	0 24	0 24
Student		0	10 10	45 55	-22 33	-1 32	42 74
SELRES		0	0 0	0 0	25 25	0 25	0 25

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC	BILLET BASE	FY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
b. ENLISTED - NAVY												
Operational Billets ACDU and TAR												
AD1	8378	0	0	0	28	28	2	30	0	30	20	50
AD2	8378	0	0	0	18	18	5	23	0	23	16	39
AD3		0	0	0	0	0	4	4	0	4	0	4
AD3		6426	0	0	0	0	1	1	0	1	0	1
AD3	8878	0	0	0	20	20	0	20	0	20	17	37
ADAN		0	0	0	0	0	4	4	0	4	0	4
ADAN	8878	0	0	0	23	23	0	23	0	23	17	40
AE1	8378	0	0	0	5	5	2	7	0	7	2	9
AE2	8378	0	0	0	15	15	3	18	0	18	17	35
AE3		0	0	0	0	0	4	4	0	4	0	4
AE3		7144	0	0	0	0	1	1	0	1	0	1
AE3	8878	0	0	0	4	4	0	4	0	4	0	4
AEAN		0	0	0	0	0	1	1	0	1	0	1
AEAN	8878	0	0	0	18	18	0	18	0	18	17	35
AKCS		0	0	0	1	1	0	1	0	1	1	2
AKC		0	0	0	1	1	0	1	0	1	0	1
AK1		0	0	0	2	2	1	3	0	3	1	4
AK1		9590	0	0	0	1	1	0	1	0	1	2
AK2		0	0	0	17	17	1	18	0	18	17	35
AK2		9590	0	0	0	1	1	1	2	0	2	3
AK3		0	0	0	4	4	0	4	0	4	0	4
AKAN		0	0	0	0	0	0	0	0	0	0	0
AMH1	8378	0	0	0	2	2	2	4	0	4	1	5
AMH1	8378	9595	0	0	0	1	1	0	1	0	1	2
AMH2	8378	0	0	0	13	13	4	17	0	17	15	32
AMH3		0	0	0	0	0	2	2	0	2	0	2
AMH3	7212	0	0	0	0	0	1	1	0	1	0	1
AMH3	8878	0	0	0	2	2	0	2	0	2	0	2
AMHAN		0	0	0	0	0	3	3	0	3	0	3
AMHAN	8878	0	0	0	19	19	0	19	0	19	17	36
AMS1	8378	0	0	0	17	17	0	17	0	17	18	35
AMS1	8378	9595	0	0	0	2	2	1	3	0	3	5
AMS2	8378	0	0	0	6	6	3	9	0	9	1	10
AMS3		0	0	0	0	0	3	3	0	3	0	3
AMS3	7232	0	0	0	0	0	1	1	0	1	0	1
AMS3	8878	0	0	0	20	20	0	20	0	20	17	37
AMSAN		0	0	0	0	0	2	2	0	2	0	2
AMSAN	8878	0	0	0	6	6	0	6	0	6	0	6
AO2		0	0	0	0	0	1	1	0	1	0	1
APOCM		9580	0	0	0	2	2	1	3	0	3	5
APOCM	8300	0	0	0	2	2	1	3	0	3	2	5
APOCS		0	0	0	2	2	3	5	0	5	4	9

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC		BILLET BASE	FY00		FY01		FY02		FY03		FY04	
				+/-	CUM								
APOCS	82XX	8215	0	0	0	1	1	0	1	0	1	0	1
APOC			0	0	0	20	20	7	27	0	27	17	44
APOC	8215	82XX	0	0	0	0	0	0	0	0	0	0	0
APOC	82XX	8215	0	0	0	13	13	0	13	0	13	8	21
APOC	8378	9502	0	0	0	1	1	0	1	0	1	1	2
APO1			0	0	0	1	1	2	3	0	3	0	3
APO1		9595	0	0	0	2	2	1	3	0	3	2	5
APO1	82XX	8215	0	0	0	0	0	4	4	0	4	0	4
APO1	8215	82XX	0	0	0	0	0	0	0	0	0	0	0
APO1	82XX	8215	0	0	0	31	31	0	31	0	31	25	56
APO1	82XX	9502	0	0	0	1	1	0	1	0	1	1	2
APO1	8301		0	0	0	1	1	0	1	0	1	2	3
APO2			0	0	0	13	13	3	16	0	16	11	27
APO2		8215	0	0	0	0	0	4	4	0	4	0	4
APO2	8215	82XX	0	0	0	0	0	0	0	0	0	0	0
APO2	82XX		0	0	0	2	2	0	2	0	2	0	2
APO2	82XX	8215	0	0	0	45	45	0	45	0	45	47	92
APO2	8303	9502	0	0	0	1	1	0	1	0	1	1	2
APO2	8378	9502	0	0	0	2	2	0	2	0	2	2	4
APO3			0	0	0	1	1	1	2	0	2	9	11
APO3	82XX	8215	0	0	0	0	0	4	4	0	4	0	4
APO3	8215	82XX	0	0	0	0	0	0	0	0	0	0	0
APO3	82XX		0	0	0	3	3	0	3	0	3	0	3
APO3	82XX	8215	0	0	0	55	55	0	55	0	55	39	94
APOAN	82XX		0	0	0	0	0	4	4	0	4	0	4
APOAN	82XX	8215	0	0	0	2	2	0	2	0	2	9	11
AT1	82XX		0	0	0	3	3	2	5	0	5	2	7
AT2	6611	6613	0	0	0	0	0	1	1	0	1	0	1
AT2	82XX		0	0	0	15	15	3	18	0	18	17	35
AT3			0	0	0	0	0	1	1	0	1	0	1
AT3	6606		0	0	0	0	0	1	1	0	1	0	1
AT3	88XX		0	0	0	2	2	0	2	0	2	0	2
ATAN			0	0	0	0	0	1	1	0	1	0	1
ATAN	88XX		0	0	0	15	15	0	15	0	15	15	30
AZ1			0	0	0	1	1	1	2	0	2	2	4
AZ1	6315		0	0	0	2	2	0	2	0	2	2	4
AZ2			0	0	0	16	16	2	18	0	18	19	37
AZ2	6315		0	0	0	0	0	1	1	0	1	0	1
AZ3			0	0	0	3	3	1	4	0	4	0	4
AZAN			0	0	0	0	0	0	0	0	0	1	1
DP3	2306		0	0	0	1	1	0	1	0	1	2	3
HM2		8406	0	0	0	1	1	0	1	0	1	0	1
HM3		8406	0	0	0	1	1	0	1	0	1	0	1
LN2			0	0	0	1	1	0	1	0	1	0	1
NC1			0	0	0	1	1	1	2	0	2	2	4
PN1			0	0	0	0	0	1	1	0	1	0	1
PN2			0	0	0	1	1	1	2	0	2	0	2
PN3			0	0	0	1	1	1	2	0	2	0	2
PNSN			0	0	0	1	1	0	1	0	1	0	1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC	BILLET BASE	FY00		FY01		FY02		FY03		FY04	
			+/-	CUM								
PO1		0	0	0	1	1	0	1	0	1	0	1
PO2		0	0	0	9	9	1	10	0	10	10	20
PO3		0	0	0	3	3	0	3	0	3	3	6
PR1		0	0	0	3	3	1	4	0	4	2	6
PR2		0	0	0	16	16	1	17	0	17	17	34
PR3		0	0	0	1	1	1	2	0	2	0	2
PRAN		0	0	0	2	2	1	3	0	3	0	3
RM3	2306	0	0	0	1	1	0	1	0	1	0	1
RM3	2735	0	0	0	0	0	1	1	0	1	0	1
YNC		0	0	0	2	2	1	3	0	3	2	5
YN1		0	0	0	2	2	0	2	0	2	2	4
YN2		0	0	0	2	2	1	3	0	3	4	7
YN3		0	0	0	3	3	1	4	0	4	4	8
YNSN		0	0	0	8	8	0	8	0	8	10	18
SN		0	0	0	1	1	0	1	0	1	0	1
AN		0	0	0	49	49	5	54	0	54	63	117
Fleet Support Billets ACDU and TAR												
ADC	8378	0	1	1	0	1	0	1	0	1	0	1
AD1	8378	0	5	5	0	5	0	5	0	5	0	5
AD2	8378	0	6	6	0	6	0	6	0	6	0	6
AD3	8878	0	9	9	0	9	0	9	0	9	0	9
ADAN	8878	0	11	11	0	11	0	11	0	11	0	11
AEC	8378	0	1	1	0	1	0	1	0	1	0	1
AE1	8378	0	4	4	0	4	0	4	0	4	0	4
AE2	8378	0	4	4	0	4	0	4	0	4	0	4
AE3	8878	0	4	4	0	4	0	4	0	4	0	4
AEAN	8878	0	6	6	0	6	0	6	0	6	0	6
AK1		0	1	1	0	1	0	1	0	1	0	1
AK2		0	2	2	0	2	0	2	0	2	0	2
AK2	9590	0	1	1	0	1	0	1	0	1	0	1
AK3		0	2	2	0	2	0	2	0	2	0	2
AKAN		0	2	2	0	2	0	2	0	2	0	2
AMHC	8378	0	1	1	0	1	0	1	0	1	0	1
AMH1	8378	0	3	3	0	3	0	3	0	3	0	3
AMH2	8378	0	4	4	0	4	0	4	0	4	0	4
AMH3	8878	0	4	4	0	4	0	4	0	4	0	4
AMHAN	8878	0	5	5	0	5	0	5	0	5	0	5
AMSC	8378	0	1	1	0	1	0	1	0	1	0	1
AMS1	8378	0	3	3	0	3	0	3	0	3	0	3
AMS1	8378	9595	0	1	1	0	1	0	1	0	1	
AMS2	8378	0	7	7	0	7	0	7	0	7	0	7
AMS3	8878	0	5	5	0	5	0	5	0	5	0	5
AMSAN	8878	0	12	12	0	12	0	12	0	12	0	12
AO1	8378	0	1	1	0	1	0	1	0	1	0	1
AO2	8378	0	1	1	0	1	0	1	0	1	0	1
AO3	8878	0	2	2	0	2	0	2	0	2	0	2
AOAN	8878	0	2	2	0	2	0	2	0	2	0	2
APOCM	9580	0	1	1	0	1	0	1	0	1	0	1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC		BILLET BASE	FY00		FY01		FY02		FY03		FY04	
				+/-	CUM								
APOCM	8300		0	1	1	0	1	0	1	0	1	0	1
APOCS			0	6	6	0	6	0	6	0	6	0	6
APOCS	82XX	8215	0	1	1	0	1	0	1	0	1	0	1
APOC			0	5	5	0	5	0	5	0	5	0	5
APOC	82XX	8215	0	3	3	0	3	0	3	0	3	0	3
APO1			0	5	5	0	5	0	5	0	5	0	5
APO1	82XX	8215	0	6	6	0	6	0	6	0	6	0	6
APO2			0	7	7	0	7	0	7	0	7	0	7
APO2	82XX	8215	0	10	10	0	10	0	10	0	10	0	10
APO3			0	4	4	0	4	0	4	0	4	0	4
APO3	82XX	8215	0	6	6	0	6	0	6	0	6	0	6
ATC	82XX		0	1	1	0	1	0	1	0	1	0	1
AT1	82XX		0	2	2	0	2	0	2	0	2	0	2
AT2	82XX		0	4	4	0	4	0	4	0	4	0	4
AT3	88XX		0	5	5	0	5	0	5	0	5	0	5
ATAN	88XX		0	4	4	0	4	0	4	0	4	0	4
AZC			0	1	1	0	1	0	1	0	1	0	1
AZ1			0	1	1	0	1	0	1	0	1	0	1
AZ1	6315		0	1	1	0	1	0	1	0	1	0	1
AZ2			0	3	3	0	3	0	3	0	3	0	3
AZ3			0	1	1	0	1	0	1	0	1	0	1
AZAN			0	5	5	0	5	0	5	0	5	0	5
NC1			0	1	1	0	1	0	1	0	1	0	1
PO2			0	5	5	0	5	0	5	0	5	0	5
PO3			0	1	1	0	1	0	1	0	1	0	1
PR1			0	1	1	0	1	0	1	0	1	0	1
PR2			0	2	2	0	2	0	2	0	2	0	2
PR3			0	2	2	0	2	0	2	0	2	0	2
PRAN			0	2	2	0	2	0	2	0	2	0	2
YNCS			0	1	1	0	1	0	1	0	1	0	1
YN1			0	1	1	0	1	0	1	0	1	0	1
YN2			0	2	2	0	2	0	2	0	2	0	2
YN3			0	3	3	0	3	0	3	0	3	0	3
YNSN			0	6	6	0	6	0	6	0	6	0	6
AN			0	45	45	0	45	0	45	0	45	0	45

Instructor and Support (Staff) Billets ACDU and TAR

ADC	8378	9502	0	0	0	5	5	0	5	0	5	0	5
AD1	8378	9502	0	0	0	8	8	0	8	0	8	0	8
AEC	8378	9502	0	0	0	5	5	0	5	0	5	0	5
AE1	8378	9502	0	0	0	12	12	0	12	0	12	0	12
AE2	8378	9502	0	0	0	2	2	0	2	0	2	0	2
AMHC	8378	9502	0	0	0	1	1	0	1	0	1	0	1
AMH1	8378	9502	0	0	0	4	4	0	4	0	4	0	4
AMH2	8378	9502	0	0	0	2	2	0	2	0	2	0	2
AMS1	8378	9502	0	0	0	7	7	0	7	0	7	0	7
AMS2	8378	9502	0	0	0	3	3	0	3	0	3	0	3
AOC	8378	9502	0	0	0	2	2	0	2	0	2	0	2
AO1	8378	9502	0	0	0	8	8	0	8	0	8	0	8

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC		BILLET BASE	FY00		FY01		FY02		FY03		FY04	
				+/-	CUM								
AQ2	8378	9502	0	0	0	2	2	0	2	0	2	0	2
APOCS	82XX	8215	0	1	1	0	1	0	1	0	1	0	1
APO1	82XX	8215	0	4	4	0	4	0	4	0	4	0	4
APO2	82XX	8215	0	6	6	0	6	0	6	0	6	0	6
ATC	82XX	9502	0	0	0	3	3	0	3	0	3	0	3
AT1	82XX	9502	0	0	0	5	5	0	5	0	5	0	5
AT2	82XX	9502	0	0	0	1	1	0	1	0	1	0	1
Chargeable Student Billets ACDU and TAR			0	2	2	27	29	-14	15	-1	14	21	35
SELRES Billets													
AD1	8378		0	0	0	0	0	3	3	0	3	0	3
AD3			0	0	0	0	0	4	4	0	4	0	4
ADAN			0	0	0	0	0	4	4	0	4	0	4
ADAN		6426	0	0	0	0	0	4	4	0	4	0	4
AE1	8378		0	0	0	0	0	3	3	0	3	0	3
AE2	8378		0	0	0	0	0	1	1	0	1	0	1
AE3			0	0	0	0	0	1	1	0	1	0	1
AEAN			0	0	0	0	0	4	4	0	4	0	4
AKC			0	0	0	0	0	1	1	0	1	0	1
AK3			0	0	0	0	0	1	1	0	1	0	1
AKAN			0	0	0	0	0	1	1	0	1	0	1
AMH1	8378		0	0	0	0	0	4	4	0	4	0	4
AMH3			0	0	0	0	0	3	3	0	3	0	3
AMHAN			0	0	0	0	0	2	2	0	2	0	2
AMSC	8378		0	0	0	0	0	1	1	0	1	0	1
AMS2	8378		0	0	0	0	0	1	1	0	1	0	1
AMS3			0	0	0	0	0	2	2	0	2	0	2
AMSAN			0	0	0	0	0	3	3	0	3	0	3
APOCM		9580	0	0	0	0	0	1	1	0	1	0	1
APOCM	8300		0	0	0	0	0	1	1	0	1	0	1
APO1			0	0	0	0	0	1	1	0	1	0	1
APO2			0	0	0	0	0	4	4	0	4	0	4
APO2	82XX	8215	0	0	0	0	0	8	8	0	8	0	8
APO3	82XX	8215	0	0	0	0	0	4	4	0	4	0	4
APOAN	82XX		0	0	0	0	0	4	4	0	4	0	4
AT2	82XX		0	0	0	0	0	1	1	0	1	0	1
ATAN			0	0	0	0	0	3	3	0	3	0	3
AZ3			0	0	0	0	0	3	3	0	3	0	3
AZAN			0	0	0	0	0	1	1	0	1	0	1
PO2			0	0	0	0	0	2	2	0	2	0	2
PO3			0	0	0	0	0	1	1	0	1	0	1
YN2			0	0	0	0	0	1	1	0	1	0	1
YN3			0	0	0	0	0	1	1	0	1	0	1
YNSN			0	0	0	0	0	1	1	0	1	0	1
AN			0	0	0	0	0	27	27	0	27	0	27

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC	BILLET BASE	FY00		FY01		FY02		FY03		FY04	
			+/-	CUM								
TOTAL NAVY ENLISTED BILLETS:												
Operational		0	0	0	615	615	120	735	0	735	560	1295
Fleet Support		0	266	266	0	266	0	266	0	266	0	266
Staff		0	11	11	70	81	0	81	0	81	0	81
Student		0	2	2	27	29	-14	15	-1	14	21	35
SELRES		0	0	0	0	0	107	107	0	107	0	107

c. OFFICER - USMC NA.

d. ENLISTED - USMC NA.

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
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
NAMTRAGRUDET MTU 1005, NAS Jacksonville, Fla.	Navy	ACDU		0		16		6		6		22
NAMTRAGRUDET MTU 1022, NAS North Island, Calif.	Navy	ACDU		0		35		17		17		35
COURSE TOTAL:				0		51		23		23		57

CIN, COURSE TITLE: D-602-0854, H-60 Electrical/Instrument and Automatic Flight Control Systems Career Organizational Maintenance

COURSE LENGTH: 2.4 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
NAMTRAGRUDET MTU 1005, NAS Jacksonville, Fla.	Navy	ACDU		0		10		3		3		13
NAMTRAGRUDET MTU 1022, NAS North Island, Calif.	Navy	ACDU		0		15		7		7		18
		TAR		0		0		5		2		2
		SELRES		0		0		0		1		0
COURSE TOTAL:				0		25		15		13		33

CIN, COURSE TITLE: D-602-0855, H-60 Electrical/Instruments and Automatic Flight Control Systems Initial Organizational Maintenance

COURSE LENGTH: 12.4 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
NAMTRAGRUDET MTU 1005, NAS Jacksonville, Fla.	Navy	ACDU		0		7		3		3		10
NAMTRAGRUDET MTU 1022, NAS North Island, Calif.	Navy	ACDU		0		17		9		9		17
COURSE TOTAL:				0		24		12		12		27

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-602-0882, H-60 Airframes and Hydraulics Systems Career Organizational Maintenance

COURSE LENGTH: 1.4 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
NAMTRAGRUDET MTU 1005, NAS Jacksonville, Fla.	Navy	ACDU		0		19		6		6		25
NAMTRAGRUDET MTU 1022, NAS North Island, Calif.	Navy	ACDU		0		33		16		16		39
		TAR		0		0		11		4		4
		SELRES		0		0		1		1		1
COURSE TOTAL:				0		52		34		27		69

CIN, COURSE TITLE: D-602-0883, H-60 Airframes and Hydraulic Systems Initial Organizational Maintenance

COURSE LENGTH: 4.8 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
NAMTRAGRUDET MTU 1005, NAS Jacksonville, Fla.	Navy	ACDU		0		16		6		6		22
NAMTRAGRUDET MTU 1022, NAS North Island, Calif.	Navy	ACDU		0		42		21		21		40
COURSE TOTAL:				0		58		27		27		62

CIN, COURSE TITLE: D-646-0840, H-60 Armament and Related Systems Organizational Maintenance

COURSE LENGTH: 6.2 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
NAMTRAGRUDET MTU 1022, NAS North Island, Calif.	Navy	ACDU		0		2		2		2		2
COURSE TOTAL:				0		2		2		2		2

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: E-2C-XXX1, CH-60S CAT I Fleet Replacement Pilot

COURSE LENGTH: 26.6 Weeks

TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 0%

BACKOUT FACTOR: 0.53

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif.												
	Navy	ACDU	5		72		39		39		96	
		TAR	0		0		1		1		1	
		SELRES	0		0		1		1		1	
COURSE TOTAL:			5		72		41		41		98	

CIN, COURSE TITLE: E-2C-XXX2, CH-60S CATII Fleet Replacement Pilot

COURSE LENGTH: 17.8 Weeks

TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 0%

BACKOUT FACTOR: 0.36

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif.												
	Navy	ACDU	0		0		0		0		0	
		TAR	0		0		0		0		0	
		SELRES	0		0		0		0		0	
COURSE TOTAL:			0		0		0		0		0	

CIN, COURSE TITLE: E-2C-XXX3, CH-60S CAT III Fleet Replacement Pilot

COURSE LENGTH: 15.2 Weeks

TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 0%

BACKOUT FACTOR: 0.30

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island CA												
	Navy	ACDU	0		0		0		0		0	
		TAR	0		0		0		0		0	
		SELRES	0		0		0		0		0	
COURSE TOTAL:			0		0		0		0		0	

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: E-2C-XXX4, CH-60S CAT IV Fleet Replacement Pilot

COURSE LENGTH: 16.8 Weeks
ATTRITION FACTOR: Navy: 0%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.34

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif.												
	Navy	ACDU	0		0		0		0		0	
		TAR	0		0		0		0		0	
		SELRES	0		0		0		0		0	
COURSE TOTAL:			0		0		0		0		0	

CIN, COURSE TITLE: E-2C-XXX5, CH-60S CAT V Fleet Replacement Pilot

COURSE LENGTH: 21.6 Weeks
ATTRITION FACTOR: Navy: 0%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.43

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif.												
	Navy	ACDU	18		45		26		26		57	
		TAR	0		0		4		2		2	
		SELRES	0		0		2		2		2	
COURSE TOTAL:			18		45		32		30		61	

CIN, COURSE TITLE: E-050-XXX1, CH-60S CAT I MMH Aircrewman

COURSE LENGTH: 25.6 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.51

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif.												
	Navy	ACDU			0		0		0		0	
		TAR			0		0		0		0	
		SELRES			0		0		0		0	
COURSE TOTAL:					0		0		0		0	

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: E-050-XXX2, CH-60 CAT II MMH Aircrewman

COURSE LENGTH: 12.4 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif.												
	Navy	ACDU		0		0		0		0		0
		TAR		0		0		0		0		0
		SELRES		0		0		0		0		0
COURSE TOTAL:				0		0		0		0		0

CIN, COURSE TITLE: E-050-XXX3, CH-60S CAT III MMH Aircrewman

COURSE LENGTH: 8.8 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.18

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif.												
	Navy	ACDU		0		0		0		0		0
		TAR		0		0		0		0		0
		SELRES		0		0		0		0		0
COURSE TOTAL:				0		0		0		0		0

CIN, COURSE TITLE: E-050-XXX4, CH-60S CAT V MMH Aircrewman

COURSE LENGTH: 0.2 Weeks
ATTRITION FACTOR: Navy: 10%

TOUR LENGTH: 36 Months
BACKOUT FACTOR: 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
Helicopter Combat Support Squadron 3 (FRS), NAS North Island, Calif.												
	Navy	ACDU		29		178		66		66		208
		TAR		0		0		13		4		4
		SELRES		0		0		2		2		2
COURSE TOTAL:				29		178		81		72		214

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-102-XXX1, CH-60S Electronics Systems Initial Organizational Maintenance

COURSE LENGTH: 10.0 Weeks

TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 10%

BACKOUT FACTOR: 0.20

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
NAMTRAGRUDET MTU 1066, NS Mayport, Fla.	Navy	ACDU		0	6		2		2			8
NAMTRAGRUDET MTU 1022, NAS North Island, Calif.	Navy	ACDU	9		13		7		7			16
COURSE TOTAL:			9		19		9		9			24

CIN, COURSE TITLE: D-102-XXX2, CH-60S Electronics Systems Career Organizational Maintenance

COURSE LENGTH: 3.0 Weeks

TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 10%

BACKOUT FACTOR: 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY00		FY01		FY02		FY03		FY04	
			OFF	ENL								
NAMTRAGRUDET MTU 1066, NS Mayport, Fla.	Navy	ACDU		0	10		3		3			13
NAMTRAGRUDET MTU 1022, NAS North Island, Calif.	Navy	ACDU	7		13		6		6			17
		TAR	0		0		5		2			2
		SELRES	0		0		0		0			0
COURSE TOTAL:			7		23		14		11			32

PART III - TRAINING REQUIREMENTS

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

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

Note: Due to Pilot and Aircrew personnel transition to CH-60S Multi-Mission Helicopter from other helicopter platforms, the following courses do not reflect training requirements during transition period. As the CH-60S Multi-Mission Helicopter training matures, these training courses will contain student throughput. This information will be included in future updates to this NTSP.

- CH-60S CAT II Fleet Replacement Pilot
- CH-60S CAT III Fleet Replacement Pilot
- CH-60S CAT IV Fleet Replacement Pilot
- CH-60S CAT I MMH Aircrew
- CH-60S CAT II MMH Aircrew
- CH-60S CAT III MMH Aircrew

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: CH-60S Airframes/Hydraulics and Related Systems Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 5 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS North Island, 09822	Oct 00		14 0.2		Input AOB Chargeable	HC-3 NAMTRAGRUDET

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS Patuxent River, 39784	Aug 00		2 .		Input AOB Chargeable	NAMTRAGRUDET

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
Sikorsky, NA	Dec 99		2 0.0		Input AOB Chargeable	NAMTRAGRUDET

COURSE TITLE: CH-60S Automatic Flight Control Systems Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 5 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS North Island, 09822	Oct 00		9 0.1		Input AOB Chargeable	HC-3 NAMTRAGRUDET

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS Patuxent River, 39784	Aug 00		3 .		Input AOB Chargeable	NRWATS VX-1

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: CH-60S Automatic Flight Control Systems Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 5 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
Sikorsky, NA	Dec 99		2	.	Input AOB Chargeable	NAMTRAGRUDET

COURSE TITLE: CH-60S Electrical/Instruments Systems Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 10 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS North Island, 09822	Oct 00		9		Input AOB Chargeable	HC-3 NAMTRAGRUDET

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS Patuxent River, 39784	Aug 00		3	0.1	Input AOB Chargeable	NRWATS VX-1

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
Sikorsky, 00000	Dec 99		2	0.1	Input AOB Chargeable	NAMTRAGRUDET

COURSE TITLE: CH-60S Electronics Systems Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation/ Lockheed Martin Federal Systems
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation/ Lockheed Martin Federal Systems
COURSE LENGTH: 20 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS North Island, 09822	Oct 00		9	0.5	Input AOB Chargeable	HC-3 NAMTRAGRUDET

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: CH-60S Electronics Systems Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation/ Lockheed Martin Federal Systems
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation/ Lockheed Martin Federal Systems
COURSE LENGTH: 20 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS Patuxent River, 39784	Aug 00		3 0.2		Input AOB Chargeable	NRWATS VX-1

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
Sikorsky, NA	Dec 99		2 0.1		Input AOB Chargeable	NAMTRAGURDET

COURSE TITLE: CH-60S MMH Aircrewman Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 12 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS North Island, 09822	Oct 00		12 0.4		Input AOB Chargeable	HC-3

COURSE TITLE: CH-60S Non-Designated Airman/Plane Captain Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 5 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
NAS North Island, 09822	Oct 00		4 0.1		Input AOB Chargeable	HC-3

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: CH-60S Pilots Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 24 Days

LOCATION, UIC	BEGIN DATE	OFF	STUDENTS ENL	CIV	
NAS North Island, 09822	Oct 00	12 0.8			Input AOB Chargeable ACTIVITY DESTINATIONS FIT/HC-3

LOCATION, UIC	BEGIN DATE	OFF	STUDENTS ENL	CIV	
NAS Patuxent River, 39784	Aug 00	6 0.4	6 0.4		Input AOB Chargeable ACTIVITY DESTINATIONS VX-1

LOCATION, UIC	BEGIN DATE	OFF	STUDENTS ENL	CIV	
Sikorsky, NA	Dec 99	9 0.6	8 0.5		Input AOB Chargeable ACTIVITY DESTINATIONS FIT/HC-3 NRWATS VX-1

COURSE TITLE: CH-60S Power Plants and Related Systems Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 5 Days

LOCATION, UIC	BEGIN DATE	OFF	STUDENTS ENL	CIV	
NAS North Island, 09822	Oct 00		14 0.2		Input AOB Chargeable ACTIVITY DESTINATIONS HC-3 NAMTRAGRUDET

LOCATION, UIC	BEGIN DATE	OFF	STUDENTS ENL	CIV	
NAS Patuxent River, 39784	Aug 00		2 .		Input AOB Chargeable ACTIVITY DESTINATIONS NRWATS VX-1

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: CH-60S Power Plants and Related Systems Initial Differences Training
COURSE DEVELOPER: Sikorsky Aircraft Corporation
COURSE INSTRUCTOR: Sikorsky Aircraft Corporation
COURSE LENGTH: 5 Days

LOCATION, UIC	BEGIN DATE	STUDENTS			CIV	ACTIVITY DESTINATIONS
		OFF	ENL			
Sikorsky, NA	Dec 99		2	.	Input AOB Chargeable NAMTRAGRUDET	

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: NAMTRAGRUDET MTU 1005

LOCATION, UIC: NAS Jacksonville, Fla., 66051

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		36		12		12		48	ATIR
	0		32		11		11		43	Output
	0.0		2.2		0.7		0.7		2.9	AOB
	0.0		2.2		0.7		0.7		2.9	Chargeable

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		33		28		25		55	ATIR
	0		30		25		23		50	Output
	0.0		2.0		1.7		1.5		3.3	AOB
	0.0		2.0		1.7		1.5		3.3	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		3		3		3	ATIR
	0		0		3		3		3	Output
	0.0		0.0		0.2		0.2		0.2	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: NAMTRAGRUDET MTU 1005

LOCATION, UIC: NAS Jacksonville, Fla., 66051

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		18		6		6		24	ATIR
	0		16		5		5		22	Output
	0.0		0.7		0.2		0.2		1.0	AOB
	0.0		0.7		0.2		0.2		1.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-601-0813, H-60 Power Plants and Related Systems Career Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		35		22		18		38	ATIR
	0		31		20		16		34	Output
	0.0		1.5		0.9		0.7		1.6	AOB
	0.0		1.5		0.9		0.7		1.6	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		0		1	ATIR
	0		0		0		0		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: D-602-0810, H-60 Power Plants and Related Systems Initial Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005

LOCATION, UIC: NAS Jacksonville, Fla., 66051

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		16		6		6		22	ATIR
	0		14		5		5		20	Output
	0.0		1.5		0.6		0.6		2.1	AOB
	0.0		1.5		0.6		0.6		2.1	Chargeable

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		35		17		17		35	ATIR
	0		32		15		15		32	Output
	0.0		3.4		1.6		1.6		3.4	AOB
	0.0		3.4		1.6		1.6		3.4	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-602-0854, H-60 Electrical/Instrument and Automatic Flight Control Systems Career Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005

LOCATION, UIC: NAS Jacksonville, Fla., 66051

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		10		3		3		13	ATIR
	0		9		3		3		12	Output
	0.0		0.4		0.1		0.1		0.5	AOB
	0.0		0.4		0.1		0.1		0.5	Chargeable

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		15		12		9		20	ATIR
	0		14		11		8		18	Output
	0.0		0.6		0.5		0.4		0.8	AOB
	0.0		0.6		0.5		0.4		0.8	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		1		0	ATIR
	0		0		0		1		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: D-602-0855, H-60 Electrical/Instruments and Automatic Flight Control Systems Initial Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005

LOCATION, UIC: NAS Jacksonville, Fla., 66051

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		7		3		3		10	ATIR
	0		6		3		3		9	Output
	0.0		1.6		0.7		0.7		2.2	AOB
	0.0		1.6		0.7		0.7		2.2	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-602-0855, H-60 Electrical/Instruments and Automatic Flight Control Systems Initial Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		17		9		9		17	ATIR
	0		15		8		8		15	Output
	0.0		3.8		2.0		2.0		3.8	AOB
	0.0		3.8		2.0		2.0		3.8	Chargeable

CIN, COURSE TITLE: D-602-0882, H-60 Airframes and Hydraulics Systems Career Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005

LOCATION, UIC: NAS Jacksonville, Fla., 66051

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		19		6		6		25	ATIR
	0		17		5		5		23	Output
	0.0		0.4		0.1		0.1		0.6	AOB
	0.0		0.4		0.1		0.1		0.6	Chargeable

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		33		27		20		43	ATIR
	0		30		24		18		39	Output
	0.0		0.8		0.6		0.5		1.0	AOB
	0.0		0.8		0.6		0.5		1.0	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		1		1		1	ATIR
	0		0		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-602-0883, H-60 Airframes and Hydraulic Systems Initial Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005

LOCATION, UIC: NAS Jacksonville, Fla., 66051

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		16		6		6		22	ATIR
	0		14		5		5		20	Output
	0.0		1.3		0.5		0.5		1.8	AOB
	0.0		1.3		0.5		0.5		1.8	Chargeable

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		42		21		21		40	ATIR
	0		38		19		19		36	Output
	0.0		3.5		1.7		1.7		3.3	AOB
	0.0		3.5		1.7		1.7		3.3	Chargeable

CIN, COURSE TITLE: D-646-0840, H-60 Armament and Related Systems Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		2		2		2		2	ATIR
	0		2		2		2		2	Output
	0.0		0.2		0.2		0.2		0.2	AOB
	0.0		0.2		0.2		0.2		0.2	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: E-2C-XXX1, CH-60S CAT I Fleet Replacement Pilot

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
5		72		40		40		97		ATIR
5		72		40		40		97		Output
2.5		36.5		20.3		20.3		49.2		AOB
2.5		36.5		20.3		20.3		49.2		Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
0		0		1		1		1		ATIR
0		0		1		1		1		Output
0.0		0.0		0.5		0.5		0.5		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

CIN, COURSE TITLE: E-2C-XXX2, CH-60S CATII Fleet Replacement Pilot

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
0		0		0		0		0		ATIR
0		0		0		0		0		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
0		0		0		0		0		ATIR
0		0		0		0		0		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: E-2C-XXX3, CH-60S CAT III Fleet Replacement Pilot

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
0		0		0		0		0		ATIR
0		0		0		0		0		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
0		0		0		0		0		ATIR
0		0		0		0		0		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

CIN, COURSE TITLE: E-2C-XXX4, CH-60S CAT IV Fleet Replacement Pilot

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
0		0		0		0		0		ATIR
0		0		0		0		0		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
0		0		0		0		0		ATIR
0		0		0		0		0		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: E-2C-XXX5, CH-60S CAT V Fleet Replacement Pilot

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
18		45		30		28		59		ATIR
18		45		30		28		59		Output
7.4		18.5		12.3		11.5		24.2		AOB
7.4		18.5		12.3		11.5		24.2		Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
0		0		2		2		2		ATIR
0		0		2		2		2		Output
0.0		0.0		0.8		0.8		0.8		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

CIN, COURSE TITLE: E-050-XXX1, CH-60S CAT I MMH Aircrewman

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: E-050-XXX2, CH-60 CAT II MMH Aircrewman

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: E-050-XXX3, CH-60S CAT III MMH Aircrewman

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: E-050-XXX4, CH-60S CAT V MMH Aircrewman

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)

LOCATION, UIC: NAS North Island, Calif., 09822

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	29		178		79		70		212	ATIR
	26		160		71		63		191	Output
	0.1		0.5		0.2		0.2		0.6	AOB
	0.1		0.5		0.2		0.2		0.6	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		2		2		2	ATIR
	0		0		2		2		2	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: D/E-102-XXX1, CH-60S Electronics Systems Initial Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1066

LOCATION, UIC: NS Mayport, Fla., 66069

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		6		2		2		8	ATIR
	0		5		2		2		7	Output
	0.0		1.1		0.4		0.4		1.4	AOB
	0.0		1.1		0.4		0.4		1.4	Chargeable

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	9		13		7		7		16	ATIR
	8		12		6		6		14	Output
	1.6		2.3		1.2		1.2		2.8	AOB
	1.6		2.3		1.2		1.2		2.8	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: D/E-102-XXX2, CH-60S Electronics Systems Career Organizational Maintenance

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1066

LOCATION, UIC: NS Mayport, Fla., 66069

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		10		3		3		13	ATIR
	0		9		3		3		12	Output
	0.0		0.5		0.2		0.2		0.7	AOB
	0.0		0.5		0.2		0.2		0.7	Chargeable

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1022

LOCATION, UIC: NAS North Island, Calif., 66065

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

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	7		13		11		8		19	ATIR
	6		12		10		7		17	Output
	0.4		0.7		0.6		0.4		1.0	AOB
	0.4		0.7		0.6		0.4		1.0	Chargeable

SOURCE: Navy **STUDENT CATEGORY:** SELRES

FY00		FY01		FY02		FY03		FY04		
OFF	ENL									
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the CH-60 Multi-Mission 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

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

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 (Tracks D/E-600-0811)

TRAINING ACTIVITIES: NAMTRAGRUDETs MTU 1005 Jacksonville and MTU 1022 North Island

LOCATION, UIC: NAS Jacksonville, 66051 and NAS North Island, 66065

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQUIRED	DATE REQUIRED	GFE CFE	STATUS
GPTE					
001	T/S Blade Fold TTU-4	1	Jun 96	GFE	On board

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

TRAINING ACTIVITIES: NAMTRAGRUDETs MTU 1005 Jacksonville and MTU 1022 North Island

LOCATION, UIC: NAS Jacksonville, 66051 and NAS North Island, 66065

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQUIRED	DATE REQUIRED	GFE CFE	STATUS
TTE					
014	Shipboard Stand	1	Nov 96	GFE	On board
015	Main Rotorhead Removal Set	1	Nov 96	GFE	On board
016	Adapter Main/Tail Rotor	1	Nov 96	GFE	On board
017	Transportation Adapter	1	Nov 96	GFE	On board
018	Cart Adapter	1	Nov 96	GFE	On board
019	Transport Cart	1	Nov 96	GFE	On board
GPTE					
001	T/S Blade Fold TTU-4	1	Nov 96	GFE	On board
SPTE					
013	AP 36T-7 Set, Rigid Borescope	1	Nov 96	GFE	On board
GPETE					
012	VATS Main Processor A/E37T-32	1	Nov 96	GFE	On board

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

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

TRAINING ACTIVITIES: NAMTRAGRUDETs MTU 1005 Jacksonville and MTU 1022 North Island

LOCATION, UIC: NAS Jacksonville, 66051 and NAS North Island, 66065

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQUIRED	DATE REQUIRED	GFE CFE	STATUS
TTE					
014	Shipboard Stand	1	Nov 96	GFE	On board
015	Main Rotorhead Removal Set	1	Nov 96	GFE	On board
016	Adapter Main/Tail Rotor	1	Nov 96	GFE	On board
017	Transportation Adapter	1	Nov 96	GFE	On board
018	Cart Adapter	1	Nov 96	GFE	On board
019	Transport Cart	1	Nov 96	GFE	On board
GPTE					
001	T/S Blade Fold TTU-4	1	Nov 96	GFE	On board
SPTE					
013	AP 36T-7 Set, Rigid Borescope	1	Nov 96	GFE	On board
GPETE					
012	VATS Main Processor A/E37T-32	1	Nov 96	GFE	On board

CIN, COURSE TITLE: C-602-9407, H-60 Electrical/Instrument and Flight Controls Career Organizational Maintenance (Tracks D/E-602-0854)

TRAINING ACTIVITIES: NAMTRAGRUDETs MTU 1005 Jacksonville and MTU 1022 North Island

LOCATION, UIC: NAS Jacksonville, 66051 and NAS North Island, 66065

ITEM NUMBER	QTY	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	DATE REQUIRED	GFE CFE	STATUS
GPTE					
001		T/S Blade Fold TTU-4	1	Jun 96	GFE On board
020		Stabilator/SAS Line Test Set	1	Dec 96	GFE On board
022		TTU-205C/E Test Set	1	Dec 96	GFE On board
ST					
023		Stabilator Rigging Assembly	1	Dec 96	GFE On board
024		Fixture Handling Radar	1	Dec 96	GFE On board

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

GPETE

021	Digital Multimeter	1	Dec 96	GFE	On board
025	TTU-378E Test Set Indicator	1	Dec 96	GFE	On board
031	Electronic System Test Set	1	Dec 97	GFE	On board

CIN, COURSE TITLE: C-602-9409, H-60 Electrical/Instruments and Flight Control System Initial Organizational Maintenance (Tracks D/E-602-0855)

TRAINING ACTIVITIES: NAMTRAGRUDETs MTU 1005 Jacksonville and MTU 1022 North Island

LOCATION, UIC: NAS Jacksonville, 66051 and NAS North Island, 66065

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQUIRED	DATE REQUIRED	GFE CFE	STATUS
GPTE					
001	T/S Blade Fold TTU-4	1	Jun 96	GFE	On board
020	Stabilator/SAS Line Test Set	1	Dec 96	GFE	On board
022	TTU-205C/E Test Set	1	Dec 96	GFE	On board
ST					
023	Stabilator Rigging Assembly	1	Dec 96	GFE	On board
024	Fixture Handling Radar	1	Dec 96	GFE	On board
030	Cable Angle Sensor	1	Dec 97	GFE	On board
GPETE					
021	Digital Multimeter	1	Dec 96	GFE	On board
025	TTU-378E Test Set Indicator	1	Dec 96	GFE	On board
032	Magnetic Compass Calibration Test Set	1	Dec 97	GFE	On board
SPETE					
028	Blade De-ice Test Kit	1	Jan 97	GFE	On board
029	APU Test Set	1	Dec 97	GFE	On board

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

COURSE TITLE: C-603-9407, H-60 Airframes/Hydraulics and Related Systems Career Organizational Maintenance (Tracks D/E-602-0882)

TRAINING ACTIVITIES: NAMTRAGRUDETs MTU 1005 Jacksonville and MTU 1022 North Island

LOCATION, UIC: NAS Jacksonville, 66051 and NAS North Island, 66065

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQUIRED	DATE REQUIRED	GFE CFE	STATUS
ST					
026	Rigging Kit	1	Nov 96	GFE	On board
027	Bushing Installation/Removal Tool Set	1	Dec 96	GFE	On board

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

TRAINING ACTIVITIES: NAMTRAGRUDETs MTU 1005 Jacksonville and MTU 1022 North Island

LOCATION, UIC: NAS Jacksonville, 66051 and NAS North Island, 66065

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQUIRED	DATE REQUIRED	GFE CFE	STATUS
ST					
026	Rigging Kit	1	Nov 96	GFE	On board
027	Bushing Installation/Removal Tool Set	1	Dec 96	GFE	On board
033	Strut Assembly Pylon Fold	1	Jul 96	GFE	On board
034	Pole Assembly Manual Pylon Fold	1	Jul 96	GFE	On board
035	Valve Assembly, Rotor Bleed	1	Jul 96	GFE	On board
036	Restrainer Assembly, MRH Damper	1	Jul 96	GFE	On board
037	Blades Check and Fill Unit Assembly	1	Jul 96	GFE	On board

CIN, COURSE TITLE: C-646-9407, H-60 Armament and Related System Organizational Maintenance (Tracks D/E-646-0840)

TRAINING ACTIVITIES: NAMTRAGRUDETs MTU 1005 Jacksonville and MTU 1022 North Island

LOCATION, UIC: NAS Jacksonville, 66051 and NAS North Island, 66065

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QTY REQUIRED	DATE REQUIRED	GFE CFE	STATUS
GPTE						
002	Digital Multimeter		1	Aug 96	GFE	On board
003	Countermeasures Dispenser Test Set		1	Aug 96	GFE	On board

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

004	Test Set Fire Control AN/AWM54	1	Aug 96	GFE	On board
005	Multimeter	1	Aug 96	GFE	On board
006	Interconnecting Group	1	Aug 96	GFE	On board
007	Test Set Fire Control	1	Aug 96	GFE	On board
008	Firing Circuit Test W16	1	Aug 96	GFE	On board
009	Firing Circuit Test W17	1	Aug 96	GFE	On board
010	Continuity/Stray Voltage Test Set	1	Aug 96	GFE	On board
011	Battery Charger Set	1	Aug 96	GFE	On board

IV.A.2. TRAINING DEVICES

DEVICE: Tactical/Operational Flight Trainer
DESCRIPTION: The T/OFT will be non-motion based flight simulators that support pilot and co-pilot tactics, navigation, equipment malfunction, communications, aircrew coordination, and emergency procedures training.
MANUFACTURER: Sikorsky Aircraft Corporation
CONTRACT NUMBER: TBD
TEE STATUS: Pending

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)
LOCATION, UIC: NAS North Island, 09822

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Sep 00	Sep 00	Pending	E-2C-XXX1 E-2C-XXX2 E-2C-XXX3 E-2C-XXX4 E-2C-XXX5 E-2C-XXX6 E-050-XXX1 E-050-XXX2 E-050-XXX3 E-050-XXX4 E-050-XXX5

DEVICE: Weapons System Trainer
DESCRIPTION: The WST is a simulation system that will feature full flight fidelity. 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.

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

TRAINING ACTIVITY: Helicopter Combat Support Squadron 3 (FRS)
LOCATION, UIC: NAS North Island, 09822

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
4	Jan 01	Jul 02	Pending	E-2C-XXX1 E-2C-XXX2 E-2C-XXX3 E-2C-XXX4 E-2C-XXX5 E-2C-XXX6

IV.A.2. TRAINING DEVICES

DEVICE: RAST/Tailwheel/Hoist Maintenance Trainer
DESCRIPTION: The RAST/Tailwheel/Hoist Trainer contains mechanical, hydraulic, and electrical elements related to the RAST, Tailwheel, and hoist systems. The CH-60 Tailwheel will be provided on a portable structure as a modification of existing trainer (no electrical power required).

MANUFACTURER: Sikorsky Aircraft Division of United Technologies
CONTRACT NUMBER: TBD
TEE STATUS: Pending

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005
LOCATION, UIC: NAS Jacksonville, 66051

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 02	Aug 02	Pending	C-602-9407 (Track D-602-0854) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Sep 00	Sep 00	Pending	C-602-9407 (Track D-602-0854) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883)

DEVICE: Rotor Blade/BIM Maintenance Trainer
DESCRIPTION: The Main Rotor Blade/BIM trainer consists of a stand containing a simulated spindle and a foreshortened rotor blade. The rotor blade contains an operational blade inspection method. No modification will be required to support CH-60S training.

MANUFACTURER: Sikorsky Aircraft Division of United Technologies
CONTRACT NUMBER: N00019-85-C-0148
TEE STATUS: NA

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005
LOCATION, UIC: NAS Jacksonville, 66051

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 02	Aug 02	On board	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-603-9408 (Track D-602-0883)

IV.A.2. TRAINING DEVICES

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Sep 00	Sep 00	On board	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-603-9408 (Track D-602-0883)

DEVICE: Avionics Maintenance Trainer (Common Cockpit)
DESCRIPTION: The Avionics Maintenance Trainer (Common Cockpit) provides for training the ATs and AEs to maintain the H-60 R/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.

MANUFACTURER: Lockheed Martin Federal Systems Owego
CONTRACT NUMBER: TBD
TEE STATUS: Pending

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1066
LOCATION, UIC: NS Mayport, 66069

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 02	Aug 02	Pending	C-602-9407 (Track D-602-0854) C-602-9409 (Track D-602-0855) C-646-9407 (Track D-646-0840) D-102-XXX1 (Track D-102-XXX1) D-102-XXX2 (Track D-102-XXX2)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Sep 00	Sep 00	Pending	C-602-9407 (Track D-602-0854) C-602-9409 (Track D-602-0855) C-646-9407 (Track D-646-0840) D-102-XXX1 (Track D-102-XXX1) D-102-XXX2 (Track D-102-XXX2)

IV.A.2. TRAINING DEVICES

DEVICE: Gear/Brake/Floatation Maintenance Trainer
DESCRIPTION: The Gear/Brake/Floatation Trainer contains mechanical, hydraulic, and electrical elements related to the landing gear, wheel brake, and floatation systems. The new CH-60 main landing gear, drag beam, and strut will be provided on a portable structure as a modification of the existing training.

MANUFACTURER: Sikorsky Aircraft Division of United Technologies
CONTRACT NUMBER: TBD
TEE STATUS: Pending

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005
LOCATION, UIC: NAS Jacksonville, 66051

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 02	Aug 02	Pending	C-602-9407 (Track D-602-0854) C-602-9409 (Track D-602-0855) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Sep 00	Sep 00	Pending	C-602-9407 (Track D-602-0854) C-602-9409 (Track D-602-0855) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883)

DEVICE: H-60 AFCS Maintenance Trainer
DESCRIPTION: The AFCS Maintenance trainer consists of a single training unit. The trainer is used to instruct and provide practical experience in the maintenance and adjustment of the AFCS using the applicable support equipment in accordance with the applicable manuals.

MANUFACTURER: Sikorsky Aircraft Division of United Technologies
CONTRACT NUMBER: TBD
TEE STATUS: Pending

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005
LOCATION, UIC: NAS Jacksonville, 66051

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 02	Aug 02	Pending	C-602-9407 (Track D-602-0854) C-602-9409 (Track D-602-0855)

IV.A.2. TRAINING DEVICES

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Sep 00	Sep 00	Pending	C-602-9407 (Track D-602-0854) C-602-9409 (Track D-602-0855)

DEVICE: Naval Air Maintenance Trainer, Composite
DESCRIPTION: The Composite Maintenance Trainer is used to instruct, demonstrate malfunctions, and provide practical experience in the maintenance and adjustment of H-60.

MANUFACTURER: Sikorsky Aircraft Division of United Technologies
CONTRACT NUMBER: TBD
TEE STATUS: Pending

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005
LOCATION, UIC: NAS Jacksonville, 66051

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 02	Aug 02	Pending	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-602-9407 (Track D-602-0854) C-602-9409 (Track D-602-0855) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Sep 00	Sep 00	Pending	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-602-9407 (Track D-602-0854) C-602-9409 (Track D-602-0855) C-603-9407 (Track D-602-0882) C-603-9408 (Track D-602-0883)

IV.A.2. TRAINING DEVICES

DEVICE: SH-60F Starboard Engine Trainer
DESCRIPTION: The 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 this trainer.

MANUFACTURER: Sikorsky Aircraft Division of United Technologies
CONTRACT NUMBER: TBD
TEE STATUS: NA

TRAINING ACTIVITY: NAMTRAGRUDET MTU 1005
LOCATION, UIC: NAS Jacksonville, 66051

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 02	Aug 02	On board	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-602-9409 (Track D-602-0855)

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Sep 00	Sep 00	On board	C-601-9407 (Track D-601-0813) C-601-9408 (Track D-602-0810) C-602-9409 (Track D-602-0855)

IV.B. COURSEWARE REQUIREMENTS

IV.B.1. TRAINING SERVICES

COURSE/TYPE OF TRAINING	SCHOOL LOCATION, UIC	NO. OF PERSONNEL	MAN WEEKS REQUIRED	DATE BEGIN
CH-60S Airframes/Hydraulics and Related Systems Initial Differences Training	NAS North Island, 09822	1	1	Oct 00
CH-60S Airframes/Hydraulics and Related Systems Initial Differences Training	NAS Patuxent River, 39784	1	1	Aug 00
CH-60S Airframes/Hydraulics and Related Systems Initial Differences Training	Sikorsky, NA	1	1	Dec 99
CH-60S Automatic Flight Control Systems Initial Differences Training	NAS North Island, 09822	1	1	Oct 00
CH-60S Automatic Flight Control Systems Initial Differences Training	NAS Patuxent River, 39784	1	1	Aug 00
CH-60S Automatic Flight Control Systems Initial Differences Training	Sikorsky, NA	1	1	Dec 99
CH-60S Electrical/Instruments Systems Initial Differences Training	NAS North Island, 09822	1	1.6	Oct 00
CH-60S Electrical/Instruments Systems Initial Differences Training	NAS Patuxent River, 39784	1	1.6	Aug 00
CH-60S Electrical/Instruments Systems Initial Differences Training	Sikorsky, NA	1	1.6	Dec 99
CH-60S Electronics Systems Initial Differences Training	NAS North Island, 09822	1	3.2	Oct 00
CH-60S Electronics Systems Initial Differences Training	Sikorsky, NA	1	3.2	Dec 99
CH-60S Electronics Systems Initial Differences Training	NAS Patuxent River, 39784	1	3.2	Aug 00
CH-60S MMH Aircrewman Initial Differences Training	NAS North Island, 09822	2	4	Oct 00
CH-60S Non-Designated Airman/Plane Captain Initial Differences Training	NAS North Island, 09822	1	1	Oct 00
CH-60S Pilots Initial Differences Training	NAS Patuxent River, 39784	2	7.2	Aug 00

IV.B.1. TRAINING SERVICES

COURSE/TYPE OF TRAINING	SCHOOL LOCATION, UIC	NO. OF PERSONNEL	MAN WEEKS REQUIRED	DATE BEGIN
CH-60S Pilots Initial Differences Training	NAS North Island, 09822	2	7.2	Oct 00
CH-60S Pilots Initial Differences Training	Sikorsky, NA	2	7.2	Dec 99
CH-60S Power Plants and Related Systems Initial Differences Training	Sikorsky, 00000	1	1	Dec 99
CH-60S Power Plants and Related Systems Initial Differences Training	NAS Patuxent River, 39784	1	1	Aug 00
CH-60S Power Plants and Related Systems Initial Differences Training	NAS North Island, 09822	2	2	Oct 00

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

The CH-60S technical publications will be produced, distributed, and supported in an IETMs format, including software and hardware support. Curricula materials and training aids will be developed by NAMTRAGRU upon completion initial cadre training and receipt of technical publications.

IV.B.3. TECHNICAL MANUALS

The CH-60S technical publications will be produced, distributed, and supported in an IETMs format, including software and hardware support. The CH-60S technical publications will support the airframe, mission avionics, engine, and support equipment, and will be developed with close coordination between Naval Air Technical and Engineering Service Command (NATEC), Sikorsky Aircraft Corporation, Lockheed Martin, PMA-205, CH-60S Fleet Introduction Team and CH-60S DAPML. NATEC is currently reviewing the common H-60 technical publications that will not be changed for the CH-60S. NATEC is tasked with establishing dates for conducting in process reviews of the other technical manuals that Sikorsky is developing for the CH-60S.

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
DA	Began analysis of manpower personnel, and training requirements	5/97	Complete
DA	Distributed Initial NTSP	11/98	Complete
DA	Promulgate Draft NTSP to ALCON for review and comment	5/99	
OPO	Chair NTSPC and issue minutes and action items that result	7/99	
TSA	Begin initial training	12/99	
DA	Begin fleet introduction	7/00	
OPTEVFOR	Begin OPEVAL	8/00	
TSA	Training devices delivered	9/00	
TSA	Curricula material delivered	10/00	
TSA	Deliver TTE	11/00	
TSA	Install TTE	12/00	
TSA	Begin follow-on training	1/01	

PART VI - DECISION ITEMS/ACTION REQUIRED

DECISION ITEM OR
ACTION REQUIRED

COMMAND ACTION

DUE DATE

STATUS

None

PART VII - POINTS OF CONTACT

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