

**DRAFT**

**NAVY TRAINING SYSTEM PLAN**

**FOR THE**

**S-3B AIRCRAFT**

**N88-NTSP-A-50-8310D/D**

**JANUARY 1998**

**Enclosure (1)**

**S-3B AIRCRAFT**

**EXECUTIVE SUMMARY**

The S-3B Aircraft is a modified S-3A Anti-Submarine Warfare (ASW) aircraft, with increased ASW and new Anti-Surface Warfare capabilities through improvements to various mission avionics and armament systems. Between July 1987 and July 1991, all east coast S-3A Aircraft were modified by a contractor field team at the Naval Air Station (NAS) Cecil Field, Florida. In March 1992, a contractor field team at NAS North Island, California, began modifying west coast S-3A Aircraft to the S-3B Aircraft configuration and completed modifications in September 1994. The S-3B Aircraft is in Phase III, Production, Fielding, Deployment, and Operational Support phase of the Weapon System Acquisition Process.

In fiscal year 1992, ten aircraft S-3B squadrons were reduced to six aircraft. In 1993, aircraft assets for deployed squadrons were increased to eight, to meet increased operational requirements caused by retirement of the A-6E from the Navy inventory. All S-3B squadrons are currently configured and manned for eight aircraft.

Support of the S-3B Aircraft peculiar equipment was developed under current equipment and S-3 Aircraft maintenance plans. Interim support was provided by the equipment vendors. Maintenance is conducted at three levels (organizational, intermediate, and depot) as established by OPNAVINST 4790.2F.

Overall squadron manpower requirements remain unchanged. Intermediate level maintenance billets are assigned to the Aircraft Intermediate Maintenance Department (AIMD) Sea Operational Detachments.

Factory and initial training to support the S-3B Aircraft has been completed. Follow-on Pilot, Naval Flight Officer, and aircrew training is provided by the Fleet Readiness Squadron, VS-41. Maintenance training is provided on both coasts.

**S-3B AIRCRAFT**

**TABLE OF CONTENTS**

	<b>Page</b>
Executive Summary.....	i
List of Acronyms.....	iii
Preface.....	vi
 <b>PART I - TECHNICAL PROGRAM DATA</b>	
A. Title-Nomenclature-Program.....	I-1
B. Security Classification .....	I-1
C. Manpower, Personnel, and Training Principals.....	I-1
D. System Description.....	I-1
E. Developmental Test and Operational Test.....	I-2
F. Aircraft and/or Equipment/System/Subsystem Replaced .....	I-2
G. Description of New Development .....	I-2
H. Concepts .....	I-4
I. On-Board (In-Service) Training.....	I-25
J. Logistics Support .....	I-26
K. Schedules .....	I-26
L. Government Furnished Equipment and Contractor Furnished Equipment Training Requirements.....	I-27
M. Related NTSPs and Other Applicable Documents .....	I-27
 <b>PART II - BILLET AND PERSONNEL REQUIREMENTS .....</b>	 II-1
 <b>PART III - TRAINING REQUIREMENTS.....</b>	 III-1
 <b>PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS.....</b>	 IV-1
 <b>PART V - MPT MILESTONES.....</b>	 V-1
 <b>PART VI - DECISION ITEMS/ACTION REQUIRED .....</b>	 VI-1
 <b>PART VII - POINTS OF CONTACT .....</b>	 VII-1

**S-3B AIRCRAFT**

**LIST OF ACRONYMS**

AD	Aviation Machinist's Mate
AE	Aviation Electrician's Mate
AIMD	Aircraft Intermediate Maintenance Department
AMD	Activity Manpower Document
AME	Aviation Structural Mechanic (Safety Equipment)
AMH	Aviation Structural Mechanic (Hydraulics)
AMIST	Aviation Maintenance In-Service Training
AMS	Aviation Structural Mechanic (Structures)
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
ASUW	Anti-Surface Warfare
ASW	Anti-Submarine Warfare
AT	Aviation Electronics Technician
ATE	Automatic Test Equipment
AW	Aviation Warfare Systems Operator
BRAC	Base Realignment and Closure
CAI	Computer Aided Instruction
CASS	Consolidated Automated Support System
CAT-IIID	Computerized Automatic Tester (Type-Model)
CBT	Computer-Based Training
CCG	Communications Control Group
CETS	
CIN	Contractor Engineering Technical Services
CINCLANTFLT	Commander In Chief, Atlantic Fleet
CINCPACFLT	Commander In Chief, Pacific Fleet
CMI	Computer Managed Instruction
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
COTAC	Copilot Tactical Coordinator
CSE	Common Support Equipment
DT	Developmental Test
EOSTS	Enclosed Operating Station Test Set
FI	Fleet Issue
FLIR	Forward Looking Infrared

**S-3B AIRCRAFT**

FRS	Fleet Readiness Squadron
FY	Fiscal Year
GPS	Global Positioning System
HATS	Hybrid Automatic Test Set
HTS	Hybrid Test Set
IAT	Integrated Avionics Trainer
ICW	Interactive Courseware
ILSP	Integrated Logistics Support Plan
IMUTS	Inertial Measurement Unit Test Set
MR/RS	Mission Recorder Reproducer Set
MSD	Material Support Date
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NADEP	Naval Aviation Depot
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAS	Naval Air Station
NAVAIRSYSCOM	Naval Air Systems Command
NAVAIRWARCENACDIV	Naval Air Warfare Center Aircraft Division
NEC	Navy Enlisted Classification
NFO	Naval Flight Officer
NSD	Navy Support Date
NTP	Navy Training Plan
NTSP	Navy Training System Plan
OPEVAL	Operational Evaluation
OPO	OPNAV Principal Official
ORD	Ordnance
OT	Operational Test
PQS	Personnel Qualification Standards
PSE	Peculiar Support Equipment
PTCM	Position Trainer Complex Module
RFT	Ready For Training
SDLM	Standard Depot Level Maintenance

**S-3B AIRCRAFT**

SEAOPDET	Sea Operational Detachment
SENSO	Sensor Station Operator
SRA	Shop Replaceable Assembly
TACAN	Tactical Air Navigation
TACCO	Tactical Coordinator
TD	Training Device
TECHEVAL	Technical Evaluation
TTE	Technical Training Equipment
VAST	Versatile Avionics Shop Test
WRA	Weapon Replaceable Assembly
WST	Weapon System Trainer

## S-3B AIRCRAFT

### PREFACE

This Draft Navy Training System Plan (NTSP) for the S-3B Aircraft has been prepared to update the Proposed Navy Training Plan (NTP) for the S-3B Aircraft, Number A-50-8310C/A, dated January 1996. It incorporates fleet comments and reflects the latest developments in the S-3B Aircraft program. The major changes and updates to this NTSP consist of:

- PART I:** Outdated information was deleted and all elements of this part were modified to include the updated delivery, manpower, and training information.
- PART II:** This part was recalculated to depict current billet requirements for fleet support units through Fiscal Year (FY)01.
- PART III:** In addition to reflecting the changes above, this part has been recalculated to identify chargeable student billets through FY01.
- PART IV:** This part has been updated to reflect the requirements in training and training logistics support for the S-3B Aircraft.
- PART V:** This part has been updated to show completion of milestones and includes new milestones supporting the S-3B Aircraft.
- PART VI:** No changes made to this part.
- PART VII:** This part has been updated to reflect current points of contact.

**PART I - TECHNICAL PROGRAM DATA**

**A. TITLE-NOMENCLATURE-PROGRAM**

- 1. **Nomenclature- Title -Acronym.** S-3B Aircraft
- 2. **Program Element.** 0204234N

**B. SECURITY CLASSIFICATION**

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

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

- OPNAV Principal Official (OPO) Program Sponsor..... CNO (N880E2)
- OPO Resource Sponsor ..... CNO (N880E2)
- Developing Agency..... NAVAIRSYSCOM (PMA290)
- Training Agency ..... CINCLANTFLT  
CINCPACFLT  
CNET
- Training Support Agency..... NAVAIRSYSCOM (PMA205)
- Manpower and Personnel Mission Sponsor ..... CNO (N1)
- Director of Naval Training ..... CNO (N7)
- Chief of Naval Personnel..... BUPERS (PERS-4)

**D. SYSTEM DESCRIPTION**

**1. Operational Uses.** S-3B Aircraft are tasked by the Carrier Battle Group Commanders to provide Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASUW), surface surveillance and intelligence collection, electronic warfare, mine warfare, coordinated search and rescue, and fleet support missions, including air wing tanking.



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

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** Technical Evaluation (TECHEVAL) for the S-3B Aircraft was satisfactorily completed 13 November 1987 and the S-3B Aircraft was certified ready for Operational Evaluation (OPEVAL), which was completed in March 1988.

TECHEVAL for the Communications Control Group (CCG) OK-497A/A1 began in October 1985 and was completed in May 1988. OPEVAL was conducted from April 1986 to February 1989.

TECHEVAL for the Global Positioning System (GPS) was conducted from December 1995 to June 1996. OPEVAL was not required.

Design Verification Testing for the AN/USH-42 Mission Recorder/Reproducer Set (MR/RS) was conducted from January to February 1997.

Current S-3B software, Fleet Issue (FI) B4.3.1, released to fleet September 1994, underwent Developmental Test from March 1993 to March 1994, and Operational Test from April to July 1994.

**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** All S-3B Aircraft modifications and all new equipment installations have been completed, except those mentioned above.

**G. DESCRIPTION OF NEW DEVELOPMENT**

**1. Functional Description.** The S-3B Aircraft is a modified S-3A Aircraft. It has increased capabilities through improvements to the general purpose digital computer, acoustic data processor, radar, sonobuoy receiver, sonobuoy reference system, and electronic support measures, and includes the installation of an electronic countermeasures dispensing system and the Harpoon Missile System. It also encompasses provisions for the Joint Tactical Information Distribution System. In brief, the S-3B Aircraft equipment includes:

**a. Communications Control Group.** The CCG provides improved communication capability and greatly improved reliability over the Switching Logic Unit and Intercommunication System.

**b. Global Positioning System.** The GPS modification will replace the Tactical Air Navigation (TACAN) portion of the S-3B Aircraft TACAN Inertial Navigation System once TACAN is phased out. This new navigation system will also comply with the requirement for the S-3B Aircraft to have Federal Aviation Administration certifiable GPS Radio Navigation capability. The GPS will provide increased operational capability and mission effectiveness by providing precise navigation position information during all phases of aircraft operations.

**c. AN/USH-42 Mission Recorder Reproducer Set.** The MR/RS replaces the obsolete and unsupported RO457 Video Signal Recorder. It allows for multi-channel recording of S-3B Aircraft Inverse Synthetic Aperture Radar, Forward Looking Infrared, and mission avionics data. The capability for in-flight video recording, in-flight and post-flight playback, analysis, and duplication are also new features.

**2. Physical Description.** The cabin arrangement of the S-3B Aircraft closely resembles that of the S-3A Aircraft. Physical descriptions of the CCG, GPS, and MR/RS are shown below:

EQUIPMENT	SIZE IN INCHES		
	WIDTH	HEIGHT	DEPTH
Communications Control Group:			
Radio Set Control Indicator	5.75	6.75	7.31
Control Indicator	5.75	4.87	7.31
Communications Controller	13.99	6.95	17.48
Global Positioning System:			
AE-4, Antenna Electronics Unit	4.30	6.78	10.04
AN/ASN-163, Frequency Manager	3.21	6.78	12.00
CV-4138/A, Signal Data Converter	1.73	6.78	13.31
AN/ARN-153, Tactical Air Navigation	4.13	6.78	13.57
Flight Instrument Wired Assembly	5.11	2.71	7.10
C12284/A, Control Display Unit Navigation	5.75	7.13	6.50
AN/USH-42 Mission Recorder Reproducer Set	13.50	10.00	21.50

**3. New Development Introduction.** Beginning in July 1987, east coast S-3A Aircraft were modified to S-3B Aircraft by contractor field teams at Naval Air Station (NAS) Cecil Field, Florida. East coast S-3B Aircraft modifications were completed in July 1991. In March 1992, a contractor field team at NAS North Island, California, began modifying west coast S-3A Aircraft to the S-3B Aircraft configuration. West coast modifications were completed in September 1994.

In early 1995, CCGs were installed in approximately 40 of the S-3B Aircraft at NAS North Island. Installation of the remaining CCGs began in March 1997 and is scheduled to be completed first quarter FY00.

The GPSs and AN/USH-42s are scheduled for concurrent installation beginning first quarter FY98 and continuing through the first quarter FY01.

**4. Significant Interfaces.** NA.

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

## H. CONCEPTS

**1. Operational Concept.** The S-3B Aircraft is manned and operated by an aircrew of four. The aircrew consists of a pilot, Copilot Tactical Coordinator (COTAC), acoustic Sensor Station Operator (SENSO), and Tactical Coordinator (TACCO). The S-3B Aircraft carries surface and subsurface search equipment with integrated target acquisition and sensor coordinating systems which can collect, process, interpret, and store ASW and ASUW sensor data. It has a direct attack capability with a variety of armament.

**2. Maintenance Concept.** Support of the S-3B Aircraft peculiar equipment was developed under current equipment maintenance and S-3 Aircraft maintenance plans. The Material Support Date (MSD) was July 1990 and the Navy Support Date (NSD) was July 1993. Interim support was provided by the equipment vendors. S-3B Aircraft maintenance is based on three levels as outlined in the Naval Aviation Maintenance Program, OPNAVINST 4790.2F.

**a. Organizational.** Organizational maintenance is performed by personnel from the aviation ratings with Navy Enlisted Classifications (NECs) 8347 and 8847.

**(1) Preventive Maintenance.** Preventive maintenance consists of prescribed periodic and phase inspections that include corrosion prevention, treatment, and the preservation of all equipment accomplished on a phase inspection including corrosion inspections and preservation of all equipment per Naval Air Systems Command technical manuals.

**(2) Corrective Maintenance.** Corrective maintenance consists 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 intermediate maintenance activity.

### **b. Intermediate**

**(1) Preventive Maintenance.** Preventive maintenance consists of prescribed periodic and phase inspections that include corrosion prevention, treatment, and the preservation of all equipment accomplished on a phase inspection including corrosion inspections and preservation of all equipment per Naval Air Systems Command technical manuals.

**(2) Corrective Maintenance.** Corrective maintenance consists of fault isolation of defective WRAs or SRAs using CSE and Peculiar Support Equipment (PSE), replacing faulty components using micro-miniature repair techniques, and verifying corrective action via appropriate CSE and PSE.

The S-3B avionics systems rely on Automatic Test Equipment (ATE) for intermediate level troubleshooting. However, there is not a one-to-one relationship between aircraft systems and ATE; i.e., a single avionics system (WRAs and SRAs) may be supported by various ATE systems. The following list depicts the ATE used in support of the S-3B avionics systems. This ATE will be replaced by the AN/USM-646(V) Consolidated Automated Support System (CASS) in the future. Refer to the AN/USM-636(V) CASS NTSP, A-50-8515C/D. This ATE is not manned by squadron personnel, but by Aircraft Intermediate Maintenance Department (AIMD) Sea Operational Detachment (SEAOPDET) personnel. These ATEs are included here to identify training requirements for AIMD personnel in support of the S-3B.

CSE	CASS TRANSFER DATE
AN/USM-403 Hybrid Automatic Test Set (HATS)	October 1997
AN/USM-429(V)1 Computerized Automated Test Station (Type/Model) (CAT-IIID)	After FY10
AN/AAM-60 Enclosed Operating Station Test Set (EOSTS)	August 1996
AN/USM-247 Versatile Avionics Shop Test (VAST)	November 1996
AN/ASM-608 Inertial Measurement Unit Test Set (IMUTS)	After FY00
AN/USM-484 Hybrid Test Set (HTS)	After FY00

The following PSE was developed to support the S-3B and is not currently planned for transfer to CASS:

- AN/APM-373 Transmitter Test Set
- AN/APM-438/469 Radar Test Set
- AN/SSM-9 Video Test Set

**c. Depot.** Depot level maintenance consists of fault isolating, repairing, and verifying corrective action of units beyond the capability of the intermediate level repair using standard laboratory test equipment and ATE. The designated S-3B Aircraft depot level maintenance activity is Naval Aviation Depot (NADEP) North Island.

**d. Interim Maintenance.** Interim support was required for the AN/APS-137A(V) Inverse Synthetic Aperture Radar. Interim support equipment for the AN/APS-137A(V) was the AN/APM-438/469/OF-111 Radar Test Bench with Adapter Group. The AN/APM-438/469/OF-111 Radar Test Bench and Adapter Group are modified AN/APS-116, AN/APM-377/OF-49 Radar Test Bench and Adapter Groups. NAVAIRSYSCOM procured 10 AN/APM-438s/469s to provide intermediate AN/APS-137 radar repair capability pending the

delivery of AN/APS-137A(V) CASS WRA and SRA Operational Test Program Sets. Eight sets of AN/APM-438/469 spare SRAs have been procured as well as commercial grade AN/APM-438/469/OF-111 manuals. Training of AN/APS-137 radar repair technicians was provided by NAVAIRSYSCOM Contractor Engineering Technical Services (CETS), and was limited to on-the-job training.

CETS for S-3B DT-IIA and OT-IIA were provided at Palmdale, California, in January and February 1985. CETS were required for TECHEVAL in October 1985, and for OPEVAL in February 1986, both conducted at NAVAIRWARCENACDIV Patuxent River, Maryland. CETS requirements for DT and OT have been completed.

**e. Life-Cycle Maintenance Plan.** The S-3B Aircraft is periodically inspected and reworked throughout its life-cycle via the Standard Depot Level Maintenance (SDLM) program. S-3B Aircraft SDLM is accomplished at NADEP North Island every four years.

**3. Manning Concept.** For quantitative and qualitative manpower requirements for S-3B squadrons, refer to the Activity Manpower Documents (AMDs) for VS-41, AMD 127684, dated 6 November 1996; an eight plane S-3B squadron, AMD 122480 dated 10 August 1996; and SEAOPDETs, AMD 128773, dated 22 November 1996.

**4. Training Concept.** Pilot, Naval Flight Officer (NFO) and aircrew training in support of the S-3B Aircraft is provided by the Fleet Readiness Squadron (FRS) VS-41, NAS North Island, California. Organizational level maintenance training in support of the S-3B Aircraft is provided by Maintenance Training Unit (MTU) 1037, Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) Cecil Field, Florida, and MTU 1036 NAMTRAGRU DET North Island, California. Intermediate level maintenance training is provided by MTUs located at various NAMTRAGRU DETs.

**Note:** Per the current Base Realignment and Closure (BRAC) list, MTU 1037 and MTU 1039 NAMTRAGRU DET Cecil Field are scheduled to move to NAMTRAGRU DET Jacksonville, Florida, commencing in July 1998 with completion in October 1998. S-3B squadrons currently based at NAS Cecil Field will also move to NAS Jacksonville.

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

**a. Initial Training.** Initial training has been completed and is not included in this NTSP.

**b. Follow-on Training.** All follow-on operator, aircrew, and maintenance training is currently available. Training track and course information is provided:

**Title .....** **S-3B Fleet Replacement Pilot Pipeline Category I**  
**CIN .....** E-2A-1721  
**Model Manager ...** VS-41  
**Description .....** Trains S-3B Aircraft Category I Fleet Replacement Pilots in the skills and techniques to perform as a pilot and copilot.  
**Location .....** VS-41 NAS North Island  
**Length .....** 210 days  
**RFT date.....** Currently available  
**Skill identifier .....** 1311  
**TTE/TD .....** Weapon System Trainer (WST)  
**Prerequisites .....** Q-2A-0010, Joint T-34C Intermediate Flight Training

**Title .....** **S-3B Fleet Replacement Pilot Pipeline Category II**  
**CIN .....** E-2A-1722  
**Model Manager ...** VS-41  
**Description .....** Trains S-3B Aircraft Category 2 Fleet Replacement Pilots in the skills and techniques to perform as a pilot and copilot.  
**Location .....** VS-41, NAS North Island  
**Length .....** 157 days  
**RFT date .....** Currently available  
**Skill identifier.....** 1312  
**TTE/TD .....** WST  
**Prerequisites .....** Q-2A-0010, Joint T-34C Intermediate Flight Training

**Title .....** **S-3B Fleet Replacement NFO Pipeline Category I**  
**CIN .....** E-2D-1721  
**Model Manager ...** VS-41  
**Description .....** Trains S-3B Aircraft, Category I Fleet Replacement NFOs in the skills and techniques to perform as TACCO.  
**Location .....** VS-41, NAS North Island  
**Length .....** 210 days  
**RFT date .....** Currently available  
**Skill identifier .....** 1321  
**TTE/TD .....** WST and Position Trainer Complex Module (PTCM)  
**Prerequisites .....** Q-2D-0012, Basic Naval Flight Officer Training

**Title .....** **S-3B Fleet Replacement NFO Pipeline Category 2**  
**CIN .....** E-2D-1722  
**Model Manager ...** VS-41  
**Description .....** Trains S-3B Aircraft, Category 2 Fleet Replacement NFOs in the skills and techniques to perform as TACCO.  
**Location .....** VS-41, NAS North Island  
**Length .....** 157 days  
**RFT date .....** Currently available  
**Skill identifier.....** 1322  
**TTE/TD .....** WST and PTCM  
**Prerequisites .....** Q-2D-0012, Basic Naval Flight Officer Training

**Title .....** **S-3B Sensor Operator Pipeline Category I**  
**CIN .....** E-050-1721  
**Model Manager ...** VS-41  
**Description .....** Trains S-3B Category 1 Fleet Replacement Sensor Operators in the skills and techniques required for performance as a SENSO.  
**Location .....** VS-41, NAS North Island  
**Length .....** 213 days  
**RFT date .....** Currently available  
**Skill identifier.....** Aviation Warfare Systems Operator (AW) NEC 7834  
**TTE/TD .....** WST and PTCM  
**Prerequisites .....** C-210-2010, Aircrew Warfare System Operator Class A1  
 Q-050-1500, Naval Aircrew Candidate School

**Title .....** **S-3B Sensor Operator Pipeline Category 2**  
**CIN .....** E-050-1722  
**Model Manager ...** VS-41  
**Description .....** Prepares SENSOs for ASW and ASUW squadron duty in an S-3B aircraft, Category II.  
**Location .....** VS-41  
**Length .....** 41 days  
**RFT date .....** Currently available  
**Skill identifier.....** None  
**TTE/TD .....** WST and PTCM  
**Prerequisites .....** C-210-2010, Aircrew Warfare System Operator Class A1  
 Q-050-1500, Naval Aircrew Candidate School

**Title .....** **S-3 Non-Designated Airman/Plane Captain**  
**CIN .....** D/E-600-1700  
**Model Manager ...** MTU 1037, NAMTRAGRU DET Cecil Field

Description ..... Familiarizes fleet squadron non-designated airmen with the duties of a plane captain on the S-3 aircraft.  
 Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 19 days  
 RFT date ..... Currently available  
 Skill identifier..... None  
 TTE/TD ..... S-3B Aircraft  
 Prerequisites ..... None

**Title ..... S-3 Initial Power Plants and Related Organizational Maintenance**

CIN ..... D/E-601-1714  
 Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
 Description ..... Provides the minimum required courses leading to assignment of S-3B Power Plants System Initial Organizational Maintenance Technician.  
 Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 18 days  
 RFT date ..... Currently available  
 Skill identifier..... Aviation Machinist's Mate (AD) NEC 8847  
 TTE/TD ..... Engine, Gas Turbine, 3800152-1, Engine Assembly, Turbofan TF34GE400A/B  
 Prerequisites ..... C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1

**Title ..... S-3 Career Power Plants and Related Systems Organizational Maintenance**

CIN ..... D/E-601-1710  
 Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
 Description ..... Provides the minimum required courses leading to assignment of S-3 Power Plants and Related Systems Organizational Maintenance Technician.  
 Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 23 days  
 RFT date ..... Currently available  
 Skill identifier..... AD NEC 8347  
 TTE/TD ..... Vibration Test Sets, 1361AS100-1 and 1361AS200-1  
 Prerequisites ..... D/E-601-1714, S-3 Initial Power Plants and Related Organizational Maintenance



**Title .....** **S-3 Initial Airframes and Hydraulic Systems Organizational Maintenance**  
**CIN .....** D/E-602-1782  
**Model Manager ...** MTU 1037, NAMTRAGRU DET Cecil Field  
**Description .....** Provides the minimum required courses leading to assignment of S-3B Airframes and Hydraulics Systems Initial Organizational Maintenance Technician.  
**Locations .....** MTU 1037, NAMTRAGRU DET Cecil Field  
MTU 1036, NAMTRAGRU DET North Island  
**Length .....** 18 days  
**RFT date .....** Currently available  
**Skill identifier.....** Aviation Structural Mechanic Hydraulics (AMH), Aviation Structural Mechanic Structures (AMS) 8847  
**TTE/TD .....** Too numerous to list. Refer to equipment requirements list for course C-603-9877.  
**Prerequisites .....** C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Strand Class A1

**Title .....** **S-3 Career Airframes and Hydraulic Systems Organizational Maintenance**  
**CIN .....** D/E-602-1780  
**Model Manager ...** MTU 1037, NAMTRAGRU DET Cecil Field  
**Description .....** Provides the minimum required courses leading to assignment of S-3B Airframes and Hydraulic Systems Organizational Maintenance Technician.  
**Locations .....** MTU 1037, NAMTRAGRU DET Cecil Field  
MTU 1036, NAMTRAGRU DET North Island  
**Length .....** 23 days  
**RFT date .....** Currently available  
**Skill identifier.....** AMH, AMS 8347  
**TTE/TD .....** Too numerous to list. Refer to equipment requirements list for course C-603-9876.  
**Prerequisites .....** D/E-602-1782, Initial Airframes and Hydraulic Systems Organizational Maintenance

**Title .....** **S-3 Initial Environmental Systems Organizational Maintenance**  
**CIN .....** D/E-602-1762  
**Model Manager ...** MTU 1037, NAMTRAGRU DET Cecil Field  
**Description .....** Provides the minimum required courses leading to assignment of S-3B Aircraft Environmental System Initial Organizational Maintenance Technician.  
**Locations .....** MTU 1037, NAMTRAGRU DET Cecil Field  
MTU 1036, NAMTRAGRU DET North Island

Length ..... 19 days  
 RFT date ..... Currently available  
 Skill identifier..... Aviation Structural Mechanic (Safety Equipment) (AME) NEC 8847  
 TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-602-9880.  
 Prerequisites ..... C-602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1

**Title ..... S-3 Career Environmental Systems Organizational Maintenance**

CIN ..... D/E-602-1760  
 Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
 Description ..... Provides the minimum required courses leading to assignment of S-3B Aircraft Environmental Systems Organizational Maintenance Technician.  
 Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 10 days  
 RFT date ..... Currently available  
 Skill identifier..... AME NEC 8347  
 TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-602-9879.  
 Prerequisites ..... D/E-602-1762, S-3 Initial Environmental Systems Organizational Maintenance

**Title ..... S-3B Initial Avionics Systems Organizational Maintenance**

CIN ..... D/E-102-1728  
 Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
 Description ..... Provides the minimum required courses leading to assignment of S-3B Aircraft Avionics System Initial Organizational Maintenance Technician.  
 Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 30 days  
 RFT date ..... Currently available  
 Skill identifier..... Aviation Electronics Technician (AT) NEC 8847  
 TTE/TD ..... AN/ARS-2, AN/AQH-7, AN/ALR-76, AN/AWG-19, TS-3519, AN/UYS-1, AN/ARR-78, and AN/ALE-39  
 Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... S-3B Career Avionics Systems Organizational Maintenance**

CIN ..... D/E-102-1741  
Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
Description ..... Provides the minimum required courses leading to assignment of S-3B Aircraft Avionics Systems Organizational Maintenance Technician.  
Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
MTU 1036, NAMTRAGRU DET North Island  
Length ..... 56 days  
RFT date ..... Currently available  
Skill identifier..... AT NEC 8347  
TTE/TD ..... S-3B Integrated Avionics Trainer (IAT)  
Prerequisites ..... D/E-102-1728, S-3B Initial Avionics Systems Organizational Maintenance

**Title ..... S-3B Computer System Specialist Organizational Maintenance**

CIN ..... D/E-102-1725  
Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
Description ..... Provides organizational level maintenance training on S-3B computer systems.  
Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
MTU 1036, NAMTRAGRU DET North Island  
Length ..... 65 days  
RFT date ..... Currently available  
Skill identifier..... AT NEC 6556  
TTE/TD ..... AN/ARS-2, AN/AQH-7, AN/ALR-76, AN/AWG-19, TS-3519 , AN/UYS-1, AN/ARR-78, and AN/ALE-39  
Prerequisites ..... D/E-102-1741, S-3B Career Avionics Systems Organizational Maintenance

**Title ..... S-3 Initial Electrical/Instrument Systems Organizational Maintenance**

CIN ..... D/E-602-1752  
Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
Description ..... Provides the minimum required courses leading to assignment of S-3B Aircraft Initial Electrical/Instrument Systems Organizational Maintenance Technician.  
Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
MTU 1036, NAMTRAGRU DET North Island  
Length ..... 16 days  
RFT date ..... Currently available  
Skill identifier..... Aviation Electrician's Mate (AE) NEC 8847

TTE/TD ..... Too numerous to list refer to equipment requirements list for course C-602-9677 for TTE/TD Information  
 Prerequisites ..... C-602-2039, Aviation Electrician's Mate O Level Strand Class A1

**Title ..... S-3 Career Electrical/Instrument Systems Organizational Maintenance**

CIN ..... D/E-602-1750  
 Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
 Description ..... Provides the minimum required courses leading to assignment of S-3 Electrical/Instrument Maintenance Technician.  
 Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 43 days  
 RFT date ..... Currently available  
 Skill identifier..... AE NEC 8347  
 TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-602-9676.  
 Prerequisites ..... D/E-602-1752, S-3 Initial Electrical/Instrument Systems Organizational Maintenance

**Title ..... S-3B Initial Armament Systems Organizational Maintenance**

CIN ..... D/E-646-1746  
 Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field  
 Description ..... Provides the minimum required courses leading to assignment of S-3B Aircraft Armament Systems Initial Organizational Maintenance Technician.  
 Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 19 days  
 RFT date ..... Currently available  
 Skill identifier..... Aviation Ordnanceman (AO) NEC 8847  
 TTE/TD ..... Ordnance Trainer  
 Prerequisites ..... C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

**Title ..... S-3B Career Armament Systems Organizational Maintenance**

CIN ..... D/E-646-1744  
 Model Manager ... MTU 1037, NAMTRAGRU DET Cecil Field

Description ..... Provides the minimum required courses leading to assignment as S-3B Aircraft Armament Systems Career Organizational Maintenance Technician.

Locations ..... MTU 1037, NAMTRAGRU DET Cecil Field  
MTU 1036, NAMTRAGRU DET North Island

Length ..... 11 days

RFT date ..... Currently available

Skill identifier..... AO NEC 8347

TTE/TD ..... Ordnance Trainer

Prerequisites ..... D/E-646-1746, S-3B Initial Armament Systems Organizational Maintenance

**Title ..... TF-34 Engine and Related Systems Intermediate Maintenance**

CIN ..... E-601-3010

Model Manager ... MTU 1036, NAMTRAGRU DET North Island

Description ..... Provides a complete program of formal instruction on the TF-34 Engine and Quick Engine Change Unit.

Locations ..... MTU 1036, NAMTRAGRU DET North Island

Length ..... 26 days

RFT date ..... Currently available

Skill identifier..... AD NEC 6421

TTE/TD ..... TF-34 Engine and Quick Engine Change Kit

Prerequisites ..... C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1

**Title ..... Airframes Intermediate Maintenance**

CIN ..... D/E-603-4007

Model Manager ... MTU 1038, NAMTRAGRU DET Lemoore, California

Description ..... Provides the minimum required courses leading to the assignment as a Structural Repair Intermediate Maintenance Technician.

Locations ..... MTU 1038, NAMTRAGRU DET Lemoore  
MTU 1039, NAMTRAGRU DET Jacksonville

Length ..... 30 days

RFT date ..... Currently available

Skill identifier..... AMS NEC 7232

TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-603-3868.

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

**Title .....** **Hydraulic Components Intermediate Maintenance**  
**CIN .....** D/E-602-4008  
**Model Manager ...** MTU 1007, NAMTRAGRU DET Oceana, Virginia  
**Description .....** Provides the minimum required courses leading to the assignment as a Hydraulics Component Intermediate Maintenance Technician.  
**Locations .....** MTU 1007, NAMTRAGRU DET Oceana  
 MTU 1008, NAMTRAGRU DET Miramar, California  
**Length .....** 23 days  
**RFT date .....** Currently available  
**Skill identifier.....** AMH/AMS NEC 7232  
**TTE/TD .....** Aircraft Hydraulic Components  
**Prerequisites .....** C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Strand Class A1

**Title .....** **Digital Data Link Communications Intermediate Maintenance Technician**  
**CIN .....** D/E-102-6059  
**Model Manager ...** MTU 1039, NAMTRAGRU DET Cecil Field  
**Description .....** Provides intermediate maintenance personnel with formal instruction on maintenance and repair procedures of data link communication equipment currently in use by the fleet.  
**Locations .....** MTU 1039, NAMTRAGRU DET Cecil Field  
 MTU 1036, NAMTRAGRU DET North Island  
**Length .....** 33 days  
**RFT date .....** Currently available  
**Skill identifier.....** AT NEC 6607  
**TTE/TD .....** Too numerous to list refer to equipment requirements list for course C-102-4054 for TTE/TD Information  
**Prerequisites .....** C-100-2017, Avionics Technician I Level Class A1

**Title .....** **AN/USM-484 Hybrid Test Set (HTS) Operation/Maintenance**  
**CIN .....** D/E-198-6045  
**Model Manager ...** MTU 1038, NAMTRAGRU DET Lemoore  
**Description .....** Provides minimum courses leading to assignment as an AN/USM-484 Hybrid Test Station (HTS) operator/maintenanceman.  
**Locations .....** MTU 1038, NAMTRAGRU DET Lemoore  
 MTU 1039, NAMTRAGRU DET Cecil Field  
**Length .....** 65 days  
**RFT date .....** Currently available  
**Skill identifier.....** AT NEC 6688

TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-198-3063.  
Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... UHF Communications, ADF, and ICS Equipment Intermediate Maintenance**

CIN ..... D/E-102-6152  
Model Manager ... MTU 1007, NAMTRAGRU DET Oceana  
Description ..... Provides minimum courses leading to assignment as UHF/ADF/ICS equipment intermediate level maintenance technician.  
Locations ..... MTU 1007, NAMTRAGRU DET Oceana  
MTU 1008, NAMTRAGRU DET Miramar  
Length ..... 40 days  
RFT date ..... Currently available  
Skill identifier..... AT NEC 6611  
TTE/TD ..... Control Radio Set C-9451, Frequency Channel Indicator ID-1972 and ID-1984, and Digital Converter  
Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... Aircraft Sealed Instrument Repair**

CIN ..... D/E-602-5062  
Model Manager ... MTU 1011, NAMTRAGRU DET Jacksonville  
Description ..... Provides minimum courses leading to assignment as aircraft instrument maintenance technician.  
Locations ..... MTU 1011, NAMTRAGRU DET Jacksonville  
MTU 1025, NAMTRAGRU DET Miramar  
Length ..... 44 days  
RFT date ..... Currently available  
Skill identifier..... AE or AT NEC 7137  
TTE/TD ..... Turbine Inlet Temperature Indicator BH183R58A, Fuel Quantity Indicator 39003-05233, Attitude Indicator E25-8034, and Bearing Indicator 104840  
Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... Vertical Fixed Wing Automatic Flight Control System Intermediate Maintenance**

CIN ..... D/E-602-5032  
Model Manager ... MTU 1011, NAMTRAGRU DET Jacksonville  
Description ..... Provides minimum courses leading to assignment as fixed wing automatic flight control system intermediate maintenance technician.

Locations ..... MTU 1011, NAMTRAGRU DET Jacksonville  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 30 days  
 RFT date ..... Currently available  
 Skill identifier..... AE NEC 7136  
 TTE/TD ..... Automatic Flight Control System  
 Prerequisites ..... C-100-2017 Avionics Technician I Level Class A1

**Title ..... AN/ASM-608 Inertial Measurement Unit Test Set (IMUTS) Operation/Maintenance Pipeline**

CIN ..... D/E-150-6010  
 Model Manager ... MTU 3011, NAMTRAGRU DET Miramar  
 Description ..... Provides minimum courses leading to assignment as an AN/ASM-608 IMUTS maintenance technician.  
 Locations ..... MTU 1036, NAMTRAGRU DET North Island  
 MTU 3011, NAMTRAGRU DET Miramar  
 Length ..... 51 days  
 RFT date ..... Currently available  
 Skill identifier..... AE or AT NEC 7197  
 TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-198-3060.  
 Prerequisites ..... C-100-2020, Avionics Common Core Class A1  
 C-100-2017, Avionics Technician I Level Class A1

**Title ..... AN/APS-116 Intermediate Maintenance Technician**

CIN ..... E-102-6064  
 Model Manager ... MTU 1036, NAMTRAGRU DET North Island  
 Description ..... Provides a complete program of formal instruction on the operation and intermediate maintenance of the AN/APS-116 Search Radar System.  
 Locations ..... MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 100 days  
 RFT date ..... Currently available  
 Skill identifier..... AT NEC 6614  
 TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-102-3679.  
 Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... S-3 Forward Looking Infrared (FLIR) Systems Intermediate Maintenance**

CIN ..... E-198-6022  
 Model Manager ... MTU 1036, NAMTRAGRU DET North Island  
 Description ..... Provides a complete program of formal instruction on the operation and intermediate maintenance and repair of the S-3 FLIR.



Locations ..... MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 53 days  
 RFT date ..... Currently available  
 Skill identifier..... AT NEC 6715  
 TTE/TD ..... S-3 FLIR System  
 Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... AN/ASM-247 VAST Test Program Set Analyst Pipeline**  
 CIN ..... D/E-198-6032  
 Model Manager ... MTU 3011, NAMTRAGRU DET Miramar  
 Description ..... Provides a prospective maintenance technician with the knowledge and skills required to effectively perform basic operation of the VAST Test Program Set.  
 Locations ..... MTU 3010, NAMTRAGRU DET Oceana  
 MTU 3011, NAMTRAGRU DET Miramar  
 Length ..... 51 days  
 RFT date ..... Currently available  
 Skill identifier..... AT NEC 6659  
 TTE/TD ..... S-3B Test Program Sets  
 Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... Consolidated Automated Support System (CASS) Test Station Intermediate Operator/Maintainer**  
 CIN ..... D/E-198-6102  
 Model Manager ... MTU 3010, NAMTRAGRU DET Oceana  
 Description ..... Provides minimum courses leading to assignment as a CASS Test Station maintenance technician.  
 Locations ..... MTU 3010, NAMTRAGRU DET Oceana  
 MTU 3011, NAMTRAGRU DET Miramar  
 Length ..... 51 days  
 RFT date ..... Currently available  
 Skill identifier..... AT NEC 6704  
 TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-198-3063.  
 Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... P-3 Model Aircraft MAD System I Maintenance**  
 CIN ..... D/E-130-9057  
 Model Manager ... MTU 1011, NAMTRAGRU DET Jacksonville  
 Description ..... Provides minimum courses leading to assignment as Magnetic Anomaly Detection intermediate maintenance technician.

Locations ..... MTU 1011, NAMTRAGRU DET Jacksonville  
 MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 37 days  
 RFT date ..... Currently available  
 Skill identifier..... AT NEC 6526  
 TTE/TD ..... Reeling Machine Control 819730-1, Reeling Machine  
 819781-1, Reeling Machine Fixture 725532-1, Electrical  
 Mounting Bracket MIL-C-172  
 Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... AN/USM-403 Hybrid Automatic Test Set (HATS)  
 Operator**  
 CIN ..... E-198-6004  
 Model Manager ... MTU 1036, NAMTRAGRU DET North Island  
 Description ..... Provides a complete program of formal instruction on the  
 operation of the AN/USM-403 (HATS).  
 Locations ..... MTU 1036, NAMTRAGRU DET North Island  
 Length ..... 37 days  
 RFT date ..... Currently available  
 Skill identifier..... AT NEC 6619  
 TTE/TD ..... S-3B Test Program Sets  
 Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... AN/USM-429 Computerized Automatic Test Station  
 (CAT-IIID) Operation/Maintenance Pipeline**  
 CIN ..... D/E-198-6005  
 Model Manager ... MTU 3011, NAMTRAGRU DET Miramar  
 Description ..... Provides minimum courses leading to assignment as an  
 AN/USM-429 CAT-IIID maintenance technician.  
 Locations ..... MTU 3011, NAMTRAGRU DET Miramar  
 MTU 3010, NAMTRAGRU DET Oceana  
 Length ..... 72 days  
 RFT date ..... Currently available  
 Skill identifier..... AT NEC 6686  
 TTE/TD ..... Too numerous to list. Refer to equipment requirements list  
 for course C-198-3061.  
 Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... Miniature Electronics Repair**  
 CIN ..... A-100-0072  
 Model Manager ... Fleet Training Center San Diego, California

Description ..... Provides qualified maintenance personnel with sufficient knowledge and skills to perform miniature electronics repair.

Locations ..... MTU 1025, NAMTRAGRU DET Miramar  
MTU 1026, NAMTRAGRU DET Norfolk, Virginia

Length ..... 26 days

RFT date ..... Currently available

Skill identifier..... AE or AT NEC 9527

TTE/TD ..... Miniature Electronic Circuit Boards

Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**Title ..... Strike Armament Systems Intermediate Maintenance**

CIN ..... D/E-646-7001

Model Manager ... MTU 4030, NAMTRAGRU DET Mayport, Florida

Description ..... Provides aviation ordnance personnel assigned to intermediate maintenance departments training on aircraft missile launchers, bomb racks, F-14 and F/A-18 weapons rails, M61A1 gun, and linkless ammunition loading system equipment.

Locations ..... MTU 4032, NAMTRAGRU DET Norfolk  
MTU 4033, NAMTRAGRU DET North Island

Length ..... 66 days

RFT date ..... Currently available

Skill identifier..... AO NEC 6802

TTE/TD ..... Too numerous to list. Refer to equipment requirements list for course C-646-3118.

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

**Title ..... Air Refueling Store Model SF-31-301 Repair Technician**

CIN ..... C-602-3084

Model Manager ... MTU 1036, NAMTRAGRU DET North Island

Description ..... Provides training in description, operation, maintenance, testing, and troubleshooting of the Sargent-Fletcher Air Refueling Store Model SF31-301.

Locations ..... MTU 1036, NAMTRAGRU DET North Island  
MTU 1037, NAMTRAGRU DET Cecil Field

Length ..... 5 days

RFT date ..... Currently available

Skill identifier..... AD, AE, AMH, or AMS NEC 8312

TTE/TD ..... Air Refueling Store Model SF-31-301

Prerequisites ..... C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1, or C-100-2017 Avionics Technician I Level Class A1, or C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Strand Class A1

**Title ..... AN/SSM-9 Video Test Station (VTS) Intermediate Maintenance**

CIN ..... C-198-4873

Model Manager ... MTU 1036, NAMTRAGRU DET North Island

Description ..... Provides training in introduction and operation of the Video Test Station.

Locations ..... MTU 1036, NAMTRAGRU DET North Island

Length ..... 26 days

RFT date ..... Currently available

Skill identifier..... AT NEC 6713

TTE/TD ..... AN/USH-42 Mission Recorder Reproducer Set

Prerequisites ..... C-100-2017, Avionics Technician I Level Class A1

**c. Student Profiles**

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
1311	Q-2A-0010, Joint T-34C Intermediate Flight Training Designated Naval Aviator
1312	Q-2A-0010, Joint T-34C Intermediate Flight Training Designated Naval Aviator
1321	Q-2D-0012, Basic Naval Flight Officer Training Designated Naval Flight Officer
1322	Q-2D-0012, Basic Naval Flight Officer Training Designated Naval Flight Officer
AD 6421	C-601-2011, Aviation Machinist's Mate Common Core Class A1 C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1
AD 8847	C-601-2011, Aviation Machinist's Mate Common Core Class A1 C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AD 8347	C-601-2011, Aviation Machinist's Mate Common Core Class A1 C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1 D/E-601-1714, S-3 Initial Power Plants and Related Organizational Maintenance
AD 8312	C-601-2011, Aviation Machinist's Mate Common Core Class A1 C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1
AE 8847	C-100-2020, Avionics Common Core Class A1 C-602-2039, Aviation Electrician's Mate O Level Strand Class A1
AE 8347	C-100-2020, Avionics Common Core Class A1 C-602-2039, Aviation Electrician's Mate O Level Strand Class A1 D/E-602-1752, S-3 Initial Electrical/Instrument Systems Organizational Maintenance
AE 7137	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AE 7136	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AE 7197	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AE 9527	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AE 8312	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AME 8847	C-602-2033, Aviation Structural Mechanic E (Safety Equipment) Common Core Class A1 C-602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AME 8347	C-602-2033, Aviation Structural Mechanic E (Safety Equipment) Common Core Class A1 C-602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1 D/E-602-1762, Initial Environmental Systems Organizational Maintenance
AMH 8847	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 8347	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 7232	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 8312	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
AMS 8847	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
AMS 8347	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
AMS 7232	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
AO 8847	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AO 8347	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1 D/E-646-1746, Initial Armament Systems Organizational Maintenance
AO 6802	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1
AT 8847	C-100-2020, Avionics Common Core Class A1 C-100-2018, Avionics Technician O Level Class A1
AT 8347	C-100-2020, Avionics Common Core Class A1 C-100-2018, Avionics Technician O Level Class A1 D/E-102-1728, S-3B Initial Avionics Systems Organizational Maintenance
AT 6556	C-100-2020, Avionics Common Core Class A1 C-100-2018, Avionics Technician O Level Class A1
AT 6607	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6688	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6611	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AE/AT 7137	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AE 7197	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6614	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6715	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6659	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6704	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6526	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AT 6619	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6686	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 9527	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AT 6713	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1
AW 7834	C-210-2010, Aviation Warfare Systems Operator Class A1 Q-050-1500, Naval Aircrew Candidate School

**d. Training Pipelines.** S-3B training tracks have been updated and are currently on-line. No new tracks or modifications are driven by this NTSP.

## **I. ON-BOARD (IN-SERVICE) TRAINING**

**1. Proficiency or Other Training Organic to the New Development.** The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system that is responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at both the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a bank of test questions that are managed through automated data processing. The Deputy Chief of Staff for Training will assist in the development of MTIP by providing those question banks (software) already developed by the Navy. MTIP will be implemented per OPNAVINST 4790.2F. MTIP will allow increased effectiveness in the application of training resources through identification of skill and knowledge deficiencies at the activity, work center, or individual technician level. Remedial training will be concentrated where needed to combat identified skill and knowledge shortfalls.

Aviation Maintenance In-Service Training (AMIST) is intended to support the Fleet training requirements now satisfied by MTIP, 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 (CMI), Computer Aided Instruction (CAI), and Interactive Courseware (ICW) to be integrated into the training continuum and provide essential support for standardizing technical training.

MTIP question and answer banks, along with the courseware, have been developed by Logistics Services International, Incorporated, and are currently available.

**2. Personnel Qualification Standards.** Aircrew Personnel Qualification Standards (PQS) are used to ensure S-3B Aircraft aircrew proficiency. The PQS program for flight crew personnel is managed by the PQS Development Group (Code 34) of the Naval Education and Training Professional Development and Technology Center, Pensacola, Florida.

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

## J. LOGISTICS SUPPORT

### 1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00421-95-D-0140	Lockheed Aeronautical Systems Company	Marietta, GA 30063

**2. Program Documentation.** The Integrated Logistics Support Plan (ILSP), number LR 29724-7, was updated in February 1989.

**3. Technical Data Plan.** An analysis of technical manual requirements was completed by the contractor. Photocopies of the manuals were available in October 1988, with delivery of hard copy manuals in January 1990.

**4. Test Sets, Tools, and Test Equipment.** The following test equipment was developed to support the S-3B Aircraft: the AN/APM-373 Transmitter Test Set, AN/APM-438/469 Radar Test Set, and AN/SSM-9 Video Test Set.

**5. Repair Parts.** Repair parts are procured through the normal supply channels from the Naval Inventory Control Point. The MSD was achieved in July 1990 and NSD was achieved in July 1993.

**6. Human Systems Integration.** NA.

## K. SCHEDULES

### 1. Schedule of Events

**a. Modification Schedule.** All S-3B Aircraft modifications have been completed, with the exception of the following: In early 1995, CCGs were installed in approximately 40 of the S-3B Aircraft at NAS North Island. Installation of the remaining CCGs began in March 1997 and is scheduled to be completed first quarter FY00. The GPSs and AN/USH-42s are scheduled for concurrent installation beginning first quarter FY98 and continuing through the first quarter FY01.

**b. Ready For Operational Use Schedule.** The S-3B aircraft are currently ready for operational use.

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

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

**e. Training Device and Delivery Schedule.** To facilitate S-3B training, the S-3A 14B50 Tactics Trainer was modified to an S-3B 14B49A Position Trainer Complex Module (PTCM). Additionally, the Surface Control, Wing Fold, and Automatic Flight Control System trainers were combined into one trainer for more effective training, the Weapon System Trainers, 2F92, upgraded to the S-3B configuration. In addition to these training devices, new S-3B Ordnance (ORD) and Integrated Avionics Trainers (IATs) have been delivered to MTU 1037; the ORD and IATs at MTU 1036 were modified to S-3B configuration.

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

## M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
AN/USM-636(V) Consolidated Automated Support System (CASS) NTSP	A-50-8515C/D	PMA260	Preliminary Draft April 1997
AN/USM-429(V)1 Computerized Automatic Tester [CAT-IIID(V)1] NTSP	A-50-8709A/D	PMA-260	Draft July 1997

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
AN/USM-467 RADCOM NTP	A-50-8710A/A	PMA-260	Approved July 1993
Advanced Composite Material Repair NTP	A-50-8404C/A	AIR-4.3.2	Approved November 1996
AN/ASM-608(V) IMUTS NTP	A-50-8116B/A	PMA-260	Approved July 1990
AN/USM-484 HTS NTSP	A-50-8708C/D	PMA-260	Proposed Draft September 1997
Cable Harness Repair Or Manufacturing Equivalence Program NTSP	A-50-8512C/D	AIR-3.6.1	Preliminary Draft November 1997
A/R/UGM-84D/F Harpoon Air Launched Missile NTP	A-50-8211B/A	PMA258	Approved June 1996
NAVSTAR Global Positioning System (GPS) User Equipment (UE)	E-70-8215F	PMW167-4	Final July 1995
S-3 Integrated Logistics Support Plan (ILSP)	LR 29724-7	PMA260	Updated February 1989

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

The following elements are not affected by the S-3B Aircraft and therefore, are not included in Part II of this NTSP.

II.A.1.b. Billets Required for Operational and Fleet Support Activities

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

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

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

NOTE: In accordance with the current BRAC list, MTU 1037 and MTU 1039 NAMTRAGRU DET Cecil Field is scheduled to move to NAMTRAGRU DET Jacksonville, Florida, commencing in July 1998 with completion in October 1998. These changes will be reflected in future updates of this NTSP.

**PART II - BILLET AND PERSONNEL REQUIREMENTS**

**II.A. BILLET REQUIREMENTS**

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

**SOURCE:** PMA2058B1

**DATE:** 1/1/97

<b>ACTIVITY, UIC</b>		<b>PFYs</b>	<b>FY98</b>	<b>FY99</b>	<b>FY00</b>	<b>FY01</b>	<b>FY02</b>
OPERATIONAL ACTIVITIES	NAVY						
S-3B SEAOPDETS East	00000	6	0	0	0	0	0
S-3B SEAOPDETS West	00000	5	0	0	0	0	0
VS Squadrons East	00000	5	0	0	0	0	0
VS Squadrons West	00000	5	0	0	0	0	0
VS- 41 FRS	45706	1	0	0	0	0	0
VX-1	55600	1	0	0	0	0	0
<b>TOTAL:</b>		<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY98		FY99		FY00		FY01		FY02	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
OPERATIONAL ACTIVITIES - ACDU													
1000J		1		1		1		1		1		1	
1000K		1		1		1		1		1		1	
1301H		20		20		20		20		20		20	
1302H		2		2		2		2		2		2	
1302I		7		7		7		7		7		7	
1311I		21		21		21		21		21		21	
1311J		52		52		52		52		52		52	
1311K		60		60		60		60		60		60	
1312I		1		1		1		1		1		1	
1312J		38		38		38		38		38		38	
1321I		21		21		21		21		21		21	
1321J		84		84		84		84		84		84	
1321K		170		170		170		170		170		170	
1322I		1		1		1		1		1		1	
1322J		33		33		33		33		33		33	
1520H		1		1		1		1		1		1	
1520J		10		10		10		10		10		10	
1630K		1		1		1		1		1		1	
1630L		10		10		10		10		10		10	
2102J		1		1		1		1		1		1	
3100K		1		1		1		1		1		1	
6320K		1		1		1		1		1		1	
6330I		10		10		10		10		10		10	
6330J		1		1		1		1		1		1	
6360L		10		10		10		10		10		10	
6380L		1		1		1		1		1		1	
7321O		10		10		10		10		10		10	
7360O		1		1		1		1		1		1	
7380N		10		10		10		10		10		10	
ADC	8346		12		12		12		12		12		12
AD1	8346		41		41		41		41		41		41
AD2	8346		40		40		40		40		40		40
AD2	8346	8312	11		11		11		11		11		11
AD3	6421		11		11		11		11		11		11
AD3	8346		51		51		51		51		51		51
AD3	8346	8312	21		21		21		21		21		21
ADAN	8346		58		58		58		58		58		58
AEC	8346		13		13		13		13		13		13
AE1	8346		39		39		39		39		39		39
AE2	7197		11		11		11		11		11		11
AE2	8312		11		11		11		11		11		11
AE2	8346		60		60		60		60		60		60
AE3	7136		11		11		11		11		11		11
AE3	7137		11		11		11		11		11		11
AE3	8346		28		28		28		28		28		28
AE3	8346	8312	32		32		32		32		32		32
AEAN	8346		68		68		68		68		68		68

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY98		FY99		FY00		FY01		FY02	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
AKC			1		1		1		1		1		1
AK1			11		11		11		11		11		11
AK2			12		12		12		12		12		12
AK2	9590		11		11		11		11		11		11
AK3			22		22		22		22		22		22
AKAN			23		23		23		23		23		23
AMEC	8346		1		1		1		1		1		1
AME1	8346		26		26		26		26		26		26
AME2	8346		35		35		35		35		35		35
AME3	8346		27		27		27		27		27		27
AMEAN			10		10		10		10		10		10
AMEAN	8346		28		28		28		28		28		28
AMHC	8346		2		2		2		2		2		2
AMH1	8346		23		23		23		23		23		23
AMH1	8346	9595	1		1		1		1		1		1
AMH2	8346		26		26		26		26		26		26
AMH3	8312		11		11		11		11		11		11
AMH3	8346		4		4		4		4		4		4
AMH3	8346	8312	21		21		21		21		21		21
AMHAN	7212		11		11		11		11		11		11
AMHAN	8346		18		18		18		18		18		18
AMSC	8346		12		12		12		12		12		12
AMS1	8346		37		37		37		37		37		37
AMS1	8346	9595	10		10		10		10		10		10
AMS2	8346		67		67		67		67		67		67
AMS3	8346		42		42		42		42		42		42
AMSAN			11		11		11		11		11		11
AMSAN	7232		11		11		11		11		11		11
AMSAN	8346		98		98		98		98		98		98
AN			432		432		432		432		432		432
AOC	8347		11		11		11		11		11		11
AO1	8347		26		26		26		26		26		26
AO2	8347		26		26		26		26		26		26
AO3			10		10		10		10		10		10
AO3	8346		5		5		5		5		5		5
AO3	8847		33		33		33		33		33		33
AOAN			10		10		10		10		10		10
AOAN	6802		11		11		11		11		11		11
AOAN	8847		48		48		48		48		48		48
APOCM	8300		11		11		11		11		11		11
APOCM	9580		6		6		6		6		6		6
APOCS			56		56		56		56		56		56
APOC			44		44		44		44		44		44
APO1			40		40		40		40		40		40
APO1	9595		1		1		1		1		1		1
APO2			22		22		22		22		22		22
APO3			25		25		25		25		25		25
ATC	6556		1		1		1		1		1		1
ATC	8347		11		11		11		11		11		11
AT1	6556		14		14		14		14		14		14



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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs		FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
AT1	8203	9502		1		1		1		1		1		1
AT1	8347			24		24		24		24		24		24
AT2	6526			11		11		11		11		11		11
AT2	6556			13		13		13		13		13		13
AT2	6659			11		11		11		11		11		11
AT2	6688			11		11		11		11		11		11
AT2	6704			11		11		11		11		11		11
AT2	6713			11		11		11		11		11		11
AT2	8203	9502		2		2		2		2		2		2
AT2	8347			47		47		47		47		47		47
AT3		9527		11		11		11		11		11		11
AT3	6607	6611		11		11		11		11		11		11
AT3	6614			11		11		11		11		11		11
AT3	6619			11		11		11		11		11		11
AT3	6659			22		22		22		22		22		22
AT3	6686			11		11		11		11		11		11
AT3	6704			33		33		33		33		33		33
AT3	6715			11		11		11		11		11		11
AT3	8346			5		5		5		5		5		5
AT3	8847			64		64		64		64		64		64
ATAN	6614			11		11		11		11		11		11
ATAN	6619			11		11		11		11		11		11
ATAN	6659			22		22		22		22		22		22
ATAN	6704			33		33		33		33		33		33
ATAN	8346			1		1		1		1		1		1
ATAN	8847			78		78		78		78		78		78
AWCM	7834	9502		1		1		1		1		1		1
AWCS	7834			1		1		1		1		1		1
AWC	7834			11		11		11		11		11		11
AWC	7834	9502		3		3		3		3		3		3
AW1	7834			24		24		24		24		24		24
AW1	7834	9502		5		5		5		5		5		5
AW2	7834			53		53		53		53		53		53
AW2	7834	9502		11		11		11		11		11		11
AW3	7834			42		42		42		42		42		42
AWAN	7834			10		10		10		10		10		10
AZC				11		11		11		11		11		11
AZ1				1		1		1		1		1		1
AZ1	6315			10		10		10		10		10		10
AZ2				23		23		23		23		23		23
AZ2	6315			1		1		1		1		1		1
AZ3				12		12		12		12		12		12
AZAN				14		14		14		14		14		14
DK2	2905			10		10		10		10		10		10
HM2	8406			10		10		10		10		10		10
IS3				1		1		1		1		1		1
IS3	3924			10		10		10		10		10		10

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		FY98		FY99		FY00		FY01		FY02	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ISSN			1		1		1		1		1		1
ISSN	3924		10		10		10		10		10		10
MS2			10		10		10		10		10		10
MS3			10		10		10		10		10		10
MSSN			20		20		20		20		20		20
NC1			1		1		1		1		1		1
PN1	9588		10		10		10		10		10		10
PN2			10		10		10		10		10		10
PN3			10		10		10		10		10		10
POCM	9580		5		5		5		5		5		5
PO2			50		50		50		50		50		50
PO3			1		1		1		1		1		1
PRC			1		1		1		1		1		1
PR1			11		11		11		11		11		11
PR2			8		8		8		8		8		8
PR3			14		14		14		14		14		14
PRAN			25		25		25		25		25		25
YNC			11		11		11		11		11		11
YN1			2		2		2		2		2		2
YN2			13		13		13		13		13		13
YN3			24		24		24		24		24		24
YNSN			19		19		19		19		19		19

**SUMMARY TOTALS:**

OPERATIONAL ACTIVITIES - ACDU	580	3002	580	3002	580	3002	580	3002	580	3002	580	3002
-------------------------------	-----	------	-----	------	-----	------	-----	------	-----	------	-----	------

**GRAND TOTAL:**

NAVY ACTIVITIES - ACDU	580	3002	580	3002	580	3002	580	3002	580	3002	580	3002
------------------------	-----	------	-----	------	-----	------	-----	------	-----	------	-----	------

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

FRS instructors are included in VS-41 FRS Operational Activity Manpower.

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

ACTIVITY, LOCATION, UIC	NAVY/ MARINE	PFYs		FY98		FY99		FY00		FY01		FY02	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Fleet Training Center, San Diego, 30808	Navy		0.1	0.1		0.1		0.1		0.1		0.1	
Fleet Training Center, Norfolk, 30801	Navy		0.1	0.1		0.1		0.1		0.1		0.1	
MTU 1007, NAMTRAGRU DET NAS Oceana, 66045	Navy		0.3	0.3		0.3		0.3		0.3		0.3	
MTU 1008, NAMTRAGRU DET MCAS Miramar	Navy		0.3	0.3		0.3		0.3		0.3		0.3	
MTU 1011, NAMTRAGRU DET NAS Jacksonville, 66051	Navy		0.6	0.6		0.6		0.6		0.6		0.6	
MTU 1025, NAMTRAGRU DET MCAS Miramar	Navy		0.2	0.2		0.2		0.2		0.2		0.2	
MTU 1036, NAMTRAGRU DET NAS North Island, 66065	Navy		24.3	24.3		24.3		24.3		24.3		24.3	
MTU 1037, NAMTRAGRU DET NAS Cecil Field, 66050	Navy		15.2	15.2		15.2		15.2		15.2		15.2	
MTU 1038, NAMTRAGRU DET NAS Lemoore, 66060	Navy		0.5	0.5		0.5		0.5		0.5		0.5	
MTU 1039, NAMTRAGRU DET NAS Cecil Field, 66050	Navy		0.7	0.7		0.7		0.7		0.7		0.7	
MTU 3010, NAMTRAGRU DET NAS Oceana, 66045	Navy		4.1	4.1		4.1		4.1		4.1		4.1	
MTU 3011, NAMTRAGRU DET MCAS Miramar	Navy		3.6	3.6		3.6		3.6		3.6		3.6	
MTU 4030, NAMTRAGRU DET NS Mayport, 66069	Navy		0.3	0.3		0.3		0.3		0.3		0.3	
MTU 4033, NAMTRAGRU DET NAS North Island, 66065	Navy		0.3	0.3		0.3		0.3		0.3		0.3	
VS-41, NAS North Island, 45706	Navy	81.1	33.6	81.1	33.6	81.1	33.6	81.1	33.6	81.1	33.6	81.1	33.6
<b>SUMMARY TOTALS:</b>													
	Navy	81.1	84.2	81.1	84.2	81.1	84.2	81.1	84.2	81.1	84.2	81.1	84.2
<b>GRAND TOTAL:</b>													
		81.1	84.2	81.1	84.2	81.1	84.2	81.1	84.2	81.1	84.2	81.1	84.2

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC	BILLET BASE	FY98		FY99		FY00		FY01		FY02	
			+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM

a. NAVY - OFFICER

OPERATIONAL BILLETS

1000J		1	0	1	0	1	0	1	0	1	0	1
1000K		1	0	1	0	1	0	1	0	1	0	1
1301H		20	0	20	0	20	0	20	0	20	0	20
1302H		2	0	2	0	2	0	2	0	2	0	2
1302I		7	0	7	0	7	0	7	0	7	0	7
1311I		21	0	21	0	21	0	21	0	21	0	21
1311J		52	0	52	0	52	0	52	0	52	0	52
1311K		60	0	60	0	60	0	60	0	60	0	60
1312I		1	0	1	0	1	0	1	0	1	0	1
1312J		38	0	38	0	38	0	38	0	38	0	38
1321I		21	0	21	0	21	0	21	0	21	0	21
1321J		84	0	84	0	84	0	84	0	84	0	84
1321K		170	0	170	0	170	0	170	0	170	0	170
1322I		1	0	1	0	1	0	1	0	1	0	1
1322J		33	0	33	0	33	0	33	0	33	0	33
1520H		1	0	1	0	1	0	1	0	1	0	1
1520J		10	0	10	0	10	0	10	0	10	0	10
1630K		1	0	1	0	1	0	1	0	1	0	1
1630L		10	0	10	0	10	0	10	0	10	0	10
2102J		1	0	1	0	1	0	1	0	1	0	1
3100K		1	0	1	0	1	0	1	0	1	0	1
6320K		1	0	1	0	1	0	1	0	1	0	1
6330I		10	0	10	0	10	0	10	0	10	0	10
6330J		1	0	1	0	1	0	1	0	1	0	1
6360L		10	0	10	0	10	0	10	0	10	0	10
6380L		1	0	1	0	1	0	1	0	1	0	1
7321O		10	0	10	0	10	0	10	0	10	0	10
7360O		1	0	1	0	1	0	1	0	1	0	1
7380N		10	0	10	0	10	0	10	0	10	0	10

CHARGEABLE STUDENT BILLETS

	81	0	81	0	81	0	81	0	81	0	81
--	----	---	----	---	----	---	----	---	----	---	----

TOTAL NAVY OFFICER BILLETS:

Operational	580	0	580	0	580	0	580	0	580	0	580
Chargeable Student	81	0	81	0	81	0	81	0	81	0	81

b. NAVY - ENLISTED

OPERATIONAL BILLETS

ADC 8346	12	0	12	0	12	0	12	0	12	0	12
AD1 8346	41	0	41	0	41	0	41	0	41	0	41
AD2 8346	40	0	40	0	40	0	40	0	40	0	40

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC		BILLET BASE	FY98		FY99		FY00		FY01		FY02	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
AD2	8346	8312	11	0	11	0	11	0	11	0	11	0	11
AD3	6421		11	0	11	0	11	0	11	0	11	0	11
AD3	8346		51	0	51	0	51	0	51	0	51	0	51
AD3	8346	8312	21	0	21	0	21	0	21	0	21	0	21
ADAN	8346		58	0	58	0	58	0	58	0	58	0	58
AEC	8346		13	0	13	0	13	0	13	0	13	0	13
AE1	8346		39	0	39	0	39	0	39	0	39	0	39
AE2	7197		11	0	11	0	11	0	11	0	11	0	11
AE2	8312		11	0	11	0	11	0	11	0	11	0	11
AE2	8346		60	0	60	0	60	0	60	0	60	0	60
AE3	7136		11	0	11	0	11	0	11	0	11	0	11
AE3	7137		11	0	11	0	11	0	11	0	11	0	11
AE3	8346		28	0	28	0	28	0	28	0	28	0	28
AE3	8346	8312	32	0	32	0	32	0	32	0	32	0	32
AEAN	8346		68	0	68	0	68	0	68	0	68	0	68
AKC			1	0	1	0	1	0	1	0	1	0	1
AK1			11	0	11	0	11	0	11	0	11	0	11
AK2			12	0	12	0	12	0	12	0	12	0	12
AK2	9590		11	0	11	0	11	0	11	0	11	0	11
AK3			22	0	22	0	22	0	22	0	22	0	22
AKAN			23	0	23	0	23	0	23	0	23	0	23
AMEC	8346		1	0	1	0	1	0	1	0	1	0	1
AME1	8346		26	0	26	0	26	0	26	0	26	0	26
AME2	8346		35	0	35	0	35	0	35	0	35	0	35
AME3	8346		27	0	27	0	27	0	27	0	27	0	27
AMEAN			10	0	10	0	10	0	10	0	10	0	10
AMEAN	8346		28	0	28	0	28	0	28	0	28	0	28
AMHC	8346		2	0	2	0	2	0	2	0	2	0	2
AMH1	8346		23	0	23	0	23	0	23	0	23	0	23
AMH1	8346	9595	1	0	1	0	1	0	1	0	1	0	1
AMH2	8346		26	0	26	0	26	0	26	0	26	0	26
AMH3	8312		11	0	11	0	11	0	11	0	11	0	11
AMH3	8346		4	0	4	0	4	0	4	0	4	0	4
AMH3	8346	8312	21	0	21	0	21	0	21	0	21	0	21
AMHAN	7212		11	0	11	0	11	0	11	0	11	0	11
AMHAN	8346		18	0	18	0	18	0	18	0	18	0	18
AMSC	8346		12	0	12	0	12	0	12	0	12	0	12
AMS1	8346		37	0	37	0	37	0	37	0	37	0	37
AMS1	8346	9595	10	0	10	0	10	0	10	0	10	0	10
AMS2	8346		67	0	67	0	67	0	67	0	67	0	67
AMS3	8346		42	0	42	0	42	0	42	0	42	0	42
AMSAN			11	0	11	0	11	0	11	0	11	0	11
AMSAN	7232		11	0	11	0	11	0	11	0	11	0	11
AMSAN	8346		98	0	98	0	98	0	98	0	98	0	98
AN			432	0	432	0	432	0	432	0	432	0	432
AOC	8347		11	0	11	0	11	0	11	0	11	0	11
AO1	8347		26	0	26	0	26	0	26	0	26	0	26
AO2	8347		26	0	26	0	26	0	26	0	26	0	26
AO3			10	0	10	0	10	0	10	0	10	0	10

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC	BILLET BASE	FY98		FY99		FY00		FY01		FY02		
			+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	
AO3	8346	5	0	5	0	5	0	5	0	5	0	5	
AO3	8847	33	0	33	0	33	0	33	0	33	0	33	
AOAN		10	0	10	0	10	0	10	0	10	0	10	
AOAN	6802	11	0	11	0	11	0	11	0	11	0	11	
AOAN	8847	48	0	48	0	48	0	48	0	48	0	48	
APOCM	8300	11	0	11	0	11	0	11	0	11	0	11	
APOCM	9580	6	0	6	0	6	0	6	0	6	0	6	
APOCS		56	0	56	0	56	0	56	0	56	0	56	
APOC		44	0	44	0	44	0	44	0	44	0	44	
APO1		40	0	40	0	40	0	40	0	40	0	40	
APO1	9595	1	0	1	0	1	0	1	0	1	0	1	
APO2		22	0	22	0	22	0	22	0	22	0	22	
APO3		25	0	25	0	25	0	25	0	25	0	25	
ATC	6556	1	0	1	0	1	0	1	0	1	0	1	
ATC	8347	11	0	11	0	11	0	11	0	11	0	11	
AT1	6556	14	0	14	0	14	0	14	0	14	0	14	
AT1	8203	9502	1	0	1	0	1	0	1	0	1	0	1
AT1	8347	24	0	24	0	24	0	24	0	24	0	24	
AT2	6526	11	0	11	0	11	0	11	0	11	0	11	
AT2	6556	13	0	13	0	13	0	13	0	13	0	13	
AT2	6659	11	0	11	0	11	0	11	0	11	0	11	
AT2	6688	11	0	11	0	11	0	11	0	11	0	11	
AT2	6704	11	0	11	0	11	0	11	0	11	0	11	
AT2	6713	11	0	11	0	11	0	11	0	11	0	11	
AT2	8203	9502	2	0	2	0	2	0	2	0	2	0	2
AT2	8347	47	0	47	0	47	0	47	0	47	0	47	
AT3		9527	11	0	11	0	11	0	11	0	11	0	11
AT3	6607	6611	11	0	11	0	11	0	11	0	11	0	11
AT3	6614		11	0	11	0	11	0	11	0	11	0	11
AT3	6619		11	0	11	0	11	0	11	0	11	0	11
AT3	6659		22	0	22	0	22	0	22	0	22	0	22
AT3	6686		11	0	11	0	11	0	11	0	11	0	11
AT3	6704		33	0	33	0	33	0	33	0	33	0	33
AT3	6715		11	0	11	0	11	0	11	0	11	0	11
AT3	8346		5	0	5	0	5	0	5	0	5	0	5
AT3	8847		64	0	64	0	64	0	64	0	64	0	64
ATAN	6614		11	0	11	0	11	0	11	0	11	0	11
ATAN	6619		11	0	11	0	11	0	11	0	11	0	11
ATAN	6659		22	0	22	0	22	0	22	0	22	0	22
ATAN	6704		33	0	33	0	33	0	33	0	33	0	33
ATAN	8346		1	0	1	0	1	0	1	0	1	0	1
ATAN	8847		78	0	78	0	78	0	78	0	78	0	78
AWCM	7834	9502	1	0	1	0	1	0	1	0	1	0	1
AWCS	7834		1	0	1	0	1	0	1	0	1	0	1
AWC	7834		11	0	11	0	11	0	11	0	11	0	11
AWC	7834	9502	3	0	3	0	3	0	3	0	3	0	3
AW1	7834		24	0	24	0	24	0	24	0	24	0	24
AW1	7834	9502	5	0	5	0	5	0	5	0	5	0	5
AW2	7834		53	0	53	0	53	0	53	0	53	0	53
AW2	7834	9502	11	0	11	0	11	0	11	0	11	0	11
AW3	7834		42	0	42	0	42	0	42	0	42	0	42
AWAN	7834		10	0	10	0	10	0	10	0	10	0	10

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC / SNEC	BILLET BASE	FY98		FY99		FY00		FY01		FY02	
			+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
AZC		11	0	11	0	11	0	11	0	11	0	11
AZ1		1	0	1	0	1	0	1	0	1	0	1
AZ1	6315	10	0	10	0	10	0	10	0	10	0	10
AZ2		23	0	23	0	23	0	23	0	23	0	23
AZ2	6315	1	0	1	0	1	0	1	0	1	0	1
AZ3		12	0	12	0	12	0	12	0	12	0	12
AZAN		14	0	14	0	14	0	14	0	14	0	14
DK2	2905	10	0	10	0	10	0	10	0	10	0	10
HM2	8406	10	0	10	0	10	0	10	0	10	0	10
IS3		1	0	1	0	1	0	1	0	1	0	1
IS3	3924	10	0	10	0	10	0	10	0	10	0	10
ISSN		1	0	1	0	1	0	1	0	1	0	1
ISSN	3924	10	0	10	0	10	0	10	0	10	0	10
MS2		10	0	10	0	10	0	10	0	10	0	10
MS3		10	0	10	0	10	0	10	0	10	0	10
MSSN		20	0	20	0	20	0	20	0	20	0	20
NC1		1	0	1	0	1	0	1	0	1	0	1
PN1	9588	10	0	10	0	10	0	10	0	10	0	10
PN2		10	0	10	0	10	0	10	0	10	0	10
PN3		10	0	10	0	10	0	10	0	10	0	10
POCM	9580	5	0	5	0	5	0	5	0	5	0	5
PO2		50	0	50	0	50	0	50	0	50	0	50
PO3		1	0	1	0	1	0	1	0	1	0	1
PRC		1	0	1	0	1	0	1	0	1	0	1
PR1		11	0	11	0	11	0	11	0	11	0	11
PR2		8	0	8	0	8	0	8	0	8	0	8
PR3		14	0	14	0	14	0	14	0	14	0	14
PRAN		25	0	25	0	25	0	25	0	25	0	25
YNC		11	0	11	0	11	0	11	0	11	0	11
YN1		2	0	2	0	2	0	2	0	2	0	2
YN2		13	0	13	0	13	0	13	0	13	0	13
YN3		24	0	24	0	24	0	24	0	24	0	24
YNSN		19	0	19	0	19	0	19	0	19	0	19

CHARGEABLE STUDENT BILLETS

	84	0	84	0	84	0	84	0	84	0	84
--	----	---	----	---	----	---	----	---	----	---	----

TOTAL NAVY ENLISTED BILLETS:

Operational	3002	0	3002	0	3002	0	3002	0	3002	0	3002
Chargeable Student	84	0	84	0	84	0	84	0	84	0	84



**II.B. PERSONNEL REQUIREMENTS**

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

**CIN, COURSE TITLE:** E-2A-1721, S-3B Fleet Replacement Pilot Category 1 Pipeline  
**COURSE LENGTH:** 30.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.60

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VS-41, NAS North Island	Navy	ACDU	40		40		40		40		40	
<b>COURSE TOTAL:</b>			40		40		40		40		40	

**CIN, COURSE TITLE:** E-2A-1722, S-3B Fleet Replacement Pilot Category 2 Pipeline  
**COURSE LENGTH:** 22.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.45

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VS-41, NAS North Island	Navy	ACDU	13		13		13		13		13	
<b>COURSE TOTAL:</b>			13		13		13		13		13	

**CIN, COURSE TITLE:** E-2D-1721, S-3B Fleet Replacement Naval Flight Officer Pipeline Category 1  
**COURSE LENGTH:** 30.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.60

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VS-41, NAS North Island	Navy	ACDU	83		83		83		83		83	
<b>COURSE TOTAL:</b>			83		83		83		83		83	

**CIN, COURSE TITLE:** E-2D-1722, S-3B Fleet Replacement Naval Flight Officer Pipeline Category 2  
**COURSE LENGTH:** 22.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% **BACKOUT FACTOR:** 0.45

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VS-41, NAS North Island	Navy	ACDU	11		11		11		11		11	
<b>COURSE TOTAL:</b>			11		11		11		11		11	

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

**CIN, COURSE TITLE:** E-050-1721, S-3B Sensor Operator Category 1 Pipeline  
**COURSE LENGTH:** 30.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.61

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VS-41, NAS North Island	Navy	ACDU		59		59		59		59		59
<b>COURSE TOTAL:</b>				59		59		59		59		59

**CIN, COURSE TITLE:** E-050-1722, S-3B Sensor Operator Category 2 Pipeline  
**COURSE LENGTH:** 6.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VS-41, NAS North Island	Navy	ACDU		9		9		9		9		9
<b>COURSE TOTAL:</b>				9		9		9		9		9

**CIN, COURSE TITLE:** D-102-1725, S-3B Computer System Specialist Organizational Maintenance  
**COURSE LENGTH:** 9.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU DET NAS Cecil Field	Navy	ACDU		4		4		4		4		4
<b>COURSE TOTAL:</b>				4		4		4		4		4

**CIN, COURSE TITLE:** D-102-1728, S-3B Initial Avionics Systems Organizational Maintenance  
**COURSE LENGTH:** 4.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU DET NAS Cecil Field	Navy	ACDU		21		21		21		21		21
<b>COURSE TOTAL:</b>				21		21		21		21		21

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

**CIN, COURSE TITLE:** D-102-1741, S-3B Career Avionics Systems Organizational Maintenance  
**COURSE LENGTH:** 12.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		8		8		8		8		8
<b>COURSE TOTAL:</b>				8		8		8		8		8

**CIN, COURSE TITLE:** D-600-1700, S-3 Non Designated Airman/Plane Captain  
**COURSE LENGTH:** 3.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		70		70		70		70		70
<b>COURSE TOTAL:</b>				70		70		70		70		70

**CIN, COURSE TITLE:** D-601-1710, S-3 Career Power Plants and Related Systems Organizational Maintenance  
**COURSE LENGTH:** 3.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		9		9		9		9		9
<b>COURSE TOTAL:</b>				9		9		9		9		9

**CIN, COURSE TITLE:** D-601-1714, S-3 Initial Power Plants and Related Organizational Maintenance  
**COURSE LENGTH:** 2.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		20		20		20		20		20
<b>COURSE TOTAL:</b>				20		20		20		20		20

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

**CIN, COURSE TITLE:** D-602-1750, S-3 Career Electrical/Instrument Systems Organizational Maintenance  
**COURSE LENGTH:** 6.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		11		11		11		11		11
<b>COURSE TOTAL:</b>				11		11		11		11		11

**CIN, COURSE TITLE:** D-602-1752, S-3 Initial Electrical/Instrument Systems Organizational Maintenance  
**COURSE LENGTH:** 2.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		19		19		19		19		19
<b>COURSE TOTAL:</b>				19		19		19		19		19

**CIN, COURSE TITLE:** D-602-1760, S-3 Career Environmental Systems Organizational Maintenance  
**COURSE LENGTH:** 1.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		6		6		6		6		6
<b>COURSE TOTAL:</b>				6		6		6		6		6

**CIN, COURSE TITLE:** D-602-1762, S-3 Initial Environmental Systems 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	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		6		6		6		6		6
<b>COURSE TOTAL:</b>				6		6		6		6		6

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

**CIN, COURSE TITLE:** D-602-1780, S-3 Career Airframes and Hydraulic Systems Organizational Maintenance  
**COURSE LENGTH:** 3.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		17		17		17		17		17
<b>COURSE TOTAL:</b>				17		17		17		17		17

**CIN, COURSE TITLE:** D-602-1782, S-3 Initial Airframes and Hydraulic Systems Organizational Maintenance  
**COURSE LENGTH:** 2.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		27		27		27		27		27
<b>COURSE TOTAL:</b>				27		27		27		27		27

**CIN, COURSE TITLE:** D-646-1744, S-3B Career Armament Systems Organizational Maintenance  
**COURSE LENGTH:** 1.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		6		6		6		6		6
<b>COURSE TOTAL:</b>				6		6		6		6		6

**CIN, COURSE TITLE:** D-646-1746, S-3B Initial Armament Systems 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	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		14		14		14		14		14
<b>COURSE TOTAL:</b>				14		14		14		14		14

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

**CIN, COURSE TITLE:** E-102-1725, S-3B Computer System Specialist Organizational Maintenance  
**COURSE LENGTH:** 9.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		6		6		6		6		6
<b>COURSE TOTAL:</b>				6		6		6		6		6

**CIN, COURSE TITLE:** E-102-1728, S-3B Initial Avionics Systems Organizational Maintenance  
**COURSE LENGTH:** 4.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		31		31		31		31		31
<b>COURSE TOTAL:</b>				31		31		31		31		31

**CIN, COURSE TITLE:** E-102-1741, S-3B Career Avionics Systems Organizational Maintenance  
**COURSE LENGTH:** 12.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		10		10		10		10		10
<b>COURSE TOTAL:</b>				10		10		10		10		10

**CIN, COURSE TITLE:** E-600-1700, S-3 Non Designated Airman/Plane Captain  
**COURSE LENGTH:** 3.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		89		89		89		89		89
<b>COURSE TOTAL:</b>				89		89		89		89		89

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

**CIN, COURSE TITLE:** E-601-1710, S-3 Career Power Plants and Related Systems Organizational Maintenance  
**COURSE LENGTH:** 3.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		14		14		14		14		14
<b>COURSE TOTAL:</b>				14		14		14		14		14

**CIN, COURSE TITLE:** E-601-1714, S-3 Initial Power Plants and Related Organizational Maintenance  
**COURSE LENGTH:** 2.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		28		28		28		28		28
<b>COURSE TOTAL:</b>				28		28		28		28		28

**CIN, COURSE TITLE:** E-602-1750, S-3 Career Electrical/Instrument Systems Organizational Maintenance  
**COURSE LENGTH:** 6.2 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		13		13		13		13		13
<b>COURSE TOTAL:</b>				13		13		13		13		13

**CIN, COURSE TITLE:** E-602-1752, S-3 Initial Electrical/Instrument Systems Organizational Maintenance  
**COURSE LENGTH:** 2.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		28		28		28		28		28
<b>COURSE TOTAL:</b>				28		28		28		28		28

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

**CIN, COURSE TITLE:** E-602-1760, S-3 Career Environmental Systems Organizational Maintenance  
**COURSE LENGTH:** 1.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		8		8		8		8		8
<b>COURSE TOTAL:</b>				8		8		8		8		8

**CIN, COURSE TITLE:** E-602-1762, S-3 Initial Environmental Systems 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	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		12		12		12		12		12
<b>COURSE TOTAL:</b>				12		12		12		12		12

**CIN, COURSE TITLE:** E-602-1780, S-3 Career Airframes and Hydraulic Systems Organizational Maintenance  
**COURSE LENGTH:** 3.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		22		22		22		22		22
<b>COURSE TOTAL:</b>				22		22		22		22		22

**CIN, COURSE TITLE:** E-602-1782, S-3 Initial Airframes and Hydraulic Systems Organizational Maintenance  
**COURSE LENGTH:** 2.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		40		40		40		40		40
<b>COURSE TOTAL:</b>				40		40		40		40		40



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

**CIN, COURSE TITLE:** E-646-1744, S-3B Career Armament Systems Organizational Maintenance  
**COURSE LENGTH:** 1.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		6		6		6		6		6
<b>COURSE TOTAL:</b>				6		6		6		6		6

**CIN, COURSE TITLE:** E-646-1746, S-3B Initial Armament Systems 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	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		16		16		16		16		16
<b>COURSE TOTAL:</b>				16		16		16		16		16

**CIN, COURSE TITLE:** A-100-0072, Miniature Electronics Repair  
**COURSE LENGTH:** 4.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Fleet Training Center,	Norfolk											
	Navy	ACDU		2		2		2		2		2
Fleet Training Center,	San Diego											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				4		4		4		4		4

**CIN, COURSE TITLE:** C-198-4873, AN/SSM-9 Video Test Station (VTS) Intermediate Maintenance  
**COURSE LENGTH:** 4.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS	North Island										
	Navy	ACDU		4		4		4		4		4
<b>COURSE TOTAL:</b>				4		4		4		4		4

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

**CIN, COURSE TITLE:** C-602-3084, Air Refueling Store Model SF-31 Repair Technician  
**COURSE LENGTH:** 1.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU DET NAS North Island	Navy	ACDU		20		20		20		20		20
MTU 1037, NAMTRAGRU DET NAS Cecil Field	Navy	ACDU		19		19		19		19		19
<b>COURSE TOTAL:</b>				39		39		39		39		39

**CIN, COURSE TITLE:** D-102-6059, Digital Data Link Communications Intermediate Maintenance Technician  
**COURSE LENGTH:** 5.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1039, NAMTRAGRU DET NAS Cecil Field	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** D-102-6152, UHF Communications ADF and ICS Equipment Intermediate Maintenance  
**COURSE LENGTH:** 6.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1007, NAMTRAGRU DET NAS Oceana	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** D-130-9057, P-3 Model Aircraft MAD System 1 Maintenance  
**COURSE LENGTH:** 5.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1011, NAMTRAGRU DET NAS Jacksonville	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

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

**CIN, COURSE TITLE:** D-150-6010, AN/ASM-608 Inertial Measurement Unit Test Set (IMUTS) Operation/Maintenance  
**COURSE LENGTH:** 7.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.15

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3010, NAMTRAGRU	DET NAS Oceana											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** D-198-6005, AN/USM-429 Computerized Automatic Test Station (CAT 3D) Operation/Maintenance  
**COURSE LENGTH:** 10.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.21

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3010, NAMTRAGRU	DET NAS Oceana											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** D-198-6032, AN/USM-247 VAST Test Program Set Analyst Pipeline  
**COURSE LENGTH:** 7.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.15

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3010, NAMTRAGRU	DET NAS Oceana											
	Navy	ACDU		11		11		11		11		11
<b>COURSE TOTAL:</b>				11		11		11		11		11

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

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1039, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

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

**CIN, COURSE TITLE:** D-198-6102, Consolidated Automated Support System (CASS) Test Station Int. Operator  
**COURSE LENGTH:** 7.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.15

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3010, NAMTRAGRU	DET NAS Oceana											
	Navy	ACDU		15		15		15		15		15
<b>COURSE TOTAL:</b>				15		15		15		15		15

**CIN, COURSE TITLE:** D-602-4008, Hydraulic Components Intermediate Maintenance  
**COURSE LENGTH:** 3.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1007, NAMTRAGRU	DET NAS Oceana											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** D-602-5032, Vertical Fixed Winged Automatic Flight Control System Intermediate Maintenance  
**COURSE LENGTH:** 4.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1011, NAMTRAGRU	DET NAS Jacksonville											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** D-602-5062, Aircraft Sealed Instrument Intermediate Repair  
**COURSE LENGTH:** 6.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.13

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1011, NAMTRAGRU	DET NAS Jacksonville											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

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

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

**COURSE LENGTH:** 4.4 Weeks

**TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038, NAMTRAGRU	DET NAS Lemoore											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

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

**COURSE LENGTH:** 9.6 Weeks

**TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4030, NAMTRAGRU	DET NS Mayport											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

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

**COURSE LENGTH:** 5.0 Weeks

**TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS North Island											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** E-102-6064, AN/APS-116 Intermediate Maintenance Technician

**COURSE LENGTH:** 14.4 Weeks

**TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.29

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS North Island											
	Navy	ACDU		8		8		8		8		8
<b>COURSE TOTAL:</b>				8		8		8		8		8

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

**CIN, COURSE TITLE:** E-102-6152, UHF Communications ADF and ICS Equipment Intermediate Maintenance  
**COURSE LENGTH:** 6.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1008, NAMTRAGRU DET MCAS Miramar	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** E-130-9057, P-3 Model Aircraft MAD System 1 Maintenance  
**COURSE LENGTH:** 5.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU DET NAS North Island	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** E-150-6010, AN/ASM-608 Inertial Measurement Unit Test Set (IMUTS) Operation/Maintenance  
**COURSE LENGTH:** 7.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.15

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3011, NAMTRAGRU DET MCAS Miramar	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** E-198-6004, AN/USM-403 Hybrid Automatic Test Set (HATS) Operator  
**COURSE LENGTH:** 5.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU DET NAS North Island	Navy	ACDU		8		8		8		8		8
<b>COURSE TOTAL:</b>				8		8		8		8		8

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

**CIN, COURSE TITLE:** E-198-6005, AN/USM-429 Computerized Automatic Test Station (CAT 3D) Operation/Maintenance  
**COURSE LENGTH:** 10.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.21

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3011, NAMTRAGRU	DET MCAS Miramar											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** E-198-6022, S-3 Forward Looking Infrared (FLIR) Systems Intermediate Maintenance  
**COURSE LENGTH:** 7.8 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU	DET NAS North Island											
	Navy	ACDU		4		4		4		4		4
<b>COURSE TOTAL:</b>				4		4		4		4		4

**CIN, COURSE TITLE:** E-198-6032, AN/USM-247 VAST Test Program Set Analyst Pipeline  
**COURSE LENGTH:** 7.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.15

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3011, NAMTRAGRU	DET MCAS Miramar											
	Navy	ACDU		9		9		9		9		9
<b>COURSE TOTAL:</b>				9		9		9		9		9

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

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038, NAMTRAGRU	DET NAS Lemoore											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

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

**CIN, COURSE TITLE:** E-198-6102, Consolidated Automated Support System (CASS) Test Station Int. Op  
**COURSE LENGTH:** 7.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.15

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3011, NAMTRAGRU DET MCAS Miramar	Navy	ACDU		13		13		13		13		13
<b>COURSE TOTAL:</b>				13		13		13		13		13

**CIN, COURSE TITLE:** D-601-3010, T-34 Engine and Related Systems Intermediate Maintenance  
**COURSE LENGTH:** 4.0 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1037, NAMTRAGRU DET NAS Cecil Field	Navy	ACDU		4		4		4		4		4
<b>COURSE TOTAL:</b>				4		4		4		4		4

**CIN, COURSE TITLE:** E-602-4008, Hydraulic Components Intermediate Maintenance  
**COURSE LENGTH:** 3.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1008, NAMTRAGRU DET MCAS Miramar	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** E-602-5032, Vertical Fixed Winged Automatic Flight Control System Intermediate Maintenance  
**COURSE LENGTH:** 4.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1036, NAMTRAGRU DET NAS North Island	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2



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

**CIN, COURSE TITLE:** E-602-5062, Aircraft Sealed Instrument Intermediate Repair  
**COURSE LENGTH:** 6.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.13

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1025, NAMTRAGRU	DET MCAS Miramar											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** D-603-4007, Airframes Intermediate Maintenance  
**COURSE LENGTH:** 4.4 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1039, NAMTRAGRU	DET NAS Cecil Field											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

**CIN, COURSE TITLE:** E-646-7001, Strike Armament System Intermediate Maintenance  
**COURSE LENGTH:** 9.6 Weeks **TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4033, NAMTRAGRU	DET NAS North Island											
	Navy	ACDU		2		2		2		2		2
<b>COURSE TOTAL:</b>				2		2		2		2		2

## PART III - TRAINING REQUIREMENTS

The following elements are not affected by the S-3B and, therefore, are not included in Part III of this NTSP:

### III.A.1. Initial Training Requirements

#### III.A.2.b. Planned Courses

#### III.A.2.c. Unique Courses

### III.A.3. Existing Training Phased Out

NOTE: Per the current BRAC list, MTU 1037 and MTU 1039 NAMTRAGRU DET Cecil Field is scheduled to move to NAMTRAGRU DET Jacksonville, Florida, commencing in July 1998 and will be completed in October 1998. These changes will be reflected in future updates of this NTSP.

**PART III - TRAINING REQUIREMENTS**

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

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

**CIN, COURSE TITLE:** E-2A-1721, S-3B Fleet Replacement Pilot Category 1 Pipeline

**TRAINING ACTIVITY:** VS-41

**LOCATION, UIC:** NAS North Island, 45706

**SOURCE:** Navy                      **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
40		40		40		40		40		ATIR
40		40		40		40		40		Output
23.0		23.0		23.0		23.0		23.0		AOB
23.0		23.0		23.0		23.0		23.0		Chargeable

**CIN, COURSE TITLE:** E-2A-1722, S-3B Fleet Replacement Pilot Category 2 Pipeline

**TRAINING ACTIVITY:** VS-41

**LOCATION, UIC:** NAS North Island, 45706

**SOURCE:** Navy                      **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
13		13		13		13		13		ATIR
13		13		13		13		13		Output
5.6		5.6		5.6		5.6		5.6		AOB
5.6		5.6		5.6		5.6		5.6		Chargeable

**CIN, COURSE TITLE:** E-2D-1721, S-3B Fleet Replacement Naval Flight Officer Pipeline Category 1

**TRAINING ACTIVITY:** VS-41

**LOCATION, UIC:** NAS North Island, 45706

**SOURCE:** Navy                      **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
83		83		83		83		83		ATIR
83		83		83		83		83		Output
47.8		47.8		47.8		47.8		47.8		AOB
47.8		47.8		47.8		47.8		47.8		Chargeable

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

**CIN, COURSE TITLE:** E-2D-1722, S-3B Fleet Replacement Naval Flight Officer Pipeline Category 2

**TRAINING ACTIVITY:** VS-41

**LOCATION, UIC:** NAS North Island, 45706

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
11		11		11		11		11		ATIR
11		11		11		11		11		Output
4.7		4.7		4.7		4.7		4.7		AOB
4.7		4.7		4.7		4.7		4.7		Chargeable

**CIN, COURSE TITLE:** E-050-1721, S-3B Sensor Operator Category 1 Pipeline

**TRAINING ACTIVITY:** VS-41

**LOCATION, UIC:** NAS North Island, 45706

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
59		59		59		59		59		ATIR
53		53		53		53		53		Output
32.6		32.6		32.6		32.6		32.6		AOB
32.6		32.6		32.6		32.6		32.6		Chargeable

**CIN, COURSE TITLE:** E-050-1722, S-3B Sensor Operator Category 2 Pipeline

**TRAINING ACTIVITY:** VS-41

**LOCATION, UIC:** NAS North Island, 45706

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
9		9		9		9		9		ATIR
8		8		8		8		8		Output
1.0		1.0		1.0		1.0		1.0		AOB
1.0		1.0		1.0		1.0		1.0		Chargeable

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

**CIN, COURSE TITLE:** D-102-1725, S-3B Computer System Specialist Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.7		0.7		0.7		0.7		0.7	AOB
	0.7		0.7		0.7		0.7		0.7	Chargeable

**CIN, COURSE TITLE:** D-102-1728, S-3B Initial Avionics Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	21		21		21		21		21	ATIR
	19		19		19		19		19	Output
	1.6		1.6		1.6		1.6		1.6	AOB
	1.6		1.6		1.6		1.6		1.6	Chargeable

**CIN, COURSE TITLE:** D-102-1741, S-3B Career Avionics Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	8		8		8		8		8	ATIR
	7		7		7		7		7	Output
	1.8		1.8		1.8		1.8		1.8	AOB
	1.8		1.8		1.8		1.8		1.8	Chargeable

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

**CIN, COURSE TITLE:** D-600-1700, S-3 Non Designated Airman/Plane Captain

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	70		70		70		70		70	ATIR
	63		63		63		63		63	Output
	3.5		3.5		3.5		3.5		3.5	AOB
	3.5		3.5		3.5		3.5		3.5	Chargeable

**CIN, COURSE TITLE:** D-601-1710, S-3 Career Power Plants and Related Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	9		9		9		9		9	ATIR
	8		8		8		8		8	Output
	0.5		0.5		0.5		0.5		0.5	AOB
	0.5		0.5		0.5		0.5		0.5	Chargeable

**CIN, COURSE TITLE:** D-601-1714, S-3 Initial Power Plants and Related Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	20		20		20		20		20	ATIR
	18		18		18		18		18	Output
	0.9		0.9		0.9		0.9		0.9	AOB
	0.9		0.9		0.9		0.9		0.9	Chargeable

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

**CIN, COURSE TITLE:** D-602-1750, S-3 Career Electrical/Instrument Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	11		11		11		11		11	ATIR
	10		10		10		10		10	Output
	1.2		1.2		1.2		1.2		1.2	AOB
	1.2		1.2		1.2		1.2		1.2	Chargeable

**CIN, COURSE TITLE:** D-602-1752, S-3 Initial Electrical/Instrument Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	19		19		19		19		19	ATIR
	17		17		17		17		17	Output
	0.8		0.8		0.8		0.8		0.8	AOB
	0.8		0.8		0.8		0.8		0.8	Chargeable

**CIN, COURSE TITLE:** D-602-1760, S-3 Career Environmental Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		6		6		6		6	ATIR
	5		5		5		5		5	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

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

**CIN, COURSE TITLE:** D-602-1762, S-3 Initial Environmental Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		6		6		6		6	ATIR
	5		5		5		5		5	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

**CIN, COURSE TITLE:** D-602-1780, S-3 Career Airframes and Hydraulic Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	17		17		17		17		17	ATIR
	15		15		15		15		15	Output
	1.0		1.0		1.0		1.0		1.0	AOB
	1.0		1.0		1.0		1.0		1.0	Chargeable

**CIN, COURSE TITLE:** D-602-1782, S-3 Initial Airframes and Hydraulic Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	27		27		27		27		27	ATIR
	24		24		24		24		24	Output
	1.3		1.3		1.3		1.3		1.3	AOB
	1.3		1.3		1.3		1.3		1.3	Chargeable



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

**CIN, COURSE TITLE:** D-646-1744, S-3B Career Armament Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		6		6		6		6	ATIR
	5		5		5		5		5	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** D-646-1746, S-3B Initial Armament Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	14		14		14		14		14	ATIR
	13		13		13		13		13	Output
	0.7		0.7		0.7		0.7		0.7	AOB
	0.7		0.7		0.7		0.7		0.7	Chargeable

**CIN, COURSE TITLE:** E-102-1725, S-3B Computer System Specialist Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		6		6		6		6	ATIR
	5		5		5		5		5	Output
	1.0		1.0		1.0		1.0		1.0	AOB
	1.0		1.0		1.0		1.0		1.0	Chargeable

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

**CIN, COURSE TITLE:** E-102-1728, S-3B Initial Avionics Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	31		31		31		31		31	ATIR
	28		28		28		28		28	Output
	2.4		2.4		2.4		2.4		2.4	AOB
	2.4		2.4		2.4		2.4		2.4	Chargeable

**CIN, COURSE TITLE:** E-102-1741, S-3B Career Avionics Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	10		10		10		10		10	ATIR
	9		9		9		9		9	Output
	2.2		2.2		2.2		2.2		2.2	AOB
	2.2		2.2		2.2		2.2		2.2	Chargeable

**CIN, COURSE TITLE:** E-600-1700, S-3 Non-Designated Airman/Plane Captain

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	89		89		89		89		89	ATIR
	80		80		80		80		80	Output
	4.4		4.4		4.4		4.4		4.4	AOB
	4.4		4.4		4.4		4.4		4.4	Chargeable

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

**CIN, COURSE TITLE:** E-601-1710, S-3 Career Power Plants and Related Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	14		14		14		14		14	ATIR
	13		13		13		13		13	Output
	0.8		0.8		0.8		0.8		0.8	AOB
	0.8		0.8		0.8		0.8		0.8	Chargeable

**CIN, COURSE TITLE:** E-601-1714, S-3 Initial Power Plants and Related Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	28		28		28		28		28	ATIR
	25		25		25		25		25	Output
	1.3		1.3		1.3		1.3		1.3	AOB
	1.3		1.3		1.3		1.3		1.3	Chargeable

**CIN, COURSE TITLE:** E-602-1750, S-3 Career Electrical/Instrument Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	13		13		13		13		13	ATIR
	12		12		12		12		12	Output
	1.5		1.5		1.5		1.5		1.5	AOB
	1.5		1.5		1.5		1.5		1.5	Chargeable

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

**CIN, COURSE TITLE:** E-602-1752, S-3 Initial Electrical/Instrument Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	28		28		28		28		28	ATIR
	25		25		25		25		25	Output
	1.2		1.2		1.2		1.2		1.2	AOB
	1.2		1.2		1.2		1.2		1.2	Chargeable

**CIN, COURSE TITLE:** E-602-1760, S-3 Career Environmental Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	8		8		8		8		8	ATIR
	7		7		7		7		7	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** E-602-1762, S-3 Initial Environmental Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	12		12		12		12		12	ATIR
	11		11		11		11		11	Output
	0.6		0.6		0.6		0.6		0.6	AOB
	0.6		0.6		0.6		0.6		0.6	Chargeable

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

**CIN, COURSE TITLE:** E-602-1780, S-3 Career Airframes and Hydraulic Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	22		22		22		22		22	ATIR
	20		20		20		20		20	Output
	1.3		1.3		1.3		1.3		1.3	AOB
	1.3		1.3		1.3		1.3		1.3	Chargeable

**CIN, COURSE TITLE:** E-602-1782, S-3 Initial Airframes and Hydraulic Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	40		40		40		40		40	ATIR
	36		36		36		36		36	Output
	1.9		1.9		1.9		1.9		1.9	AOB
	1.9		1.9		1.9		1.9		1.9	Chargeable

**CIN, COURSE TITLE:** E-646-1744, S-3B Career Armament Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		6		6		6		6	ATIR
	5		5		5		5		5	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

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

**CIN, COURSE TITLE:** E-646-1746, S-3B Initial Armament Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	16		16		16		16		16	ATIR
	14		14		14		14		14	Output
	0.8		0.8		0.8		0.8		0.8	AOB
	0.8		0.8		0.8		0.8		0.8	Chargeable

**CIN, COURSE TITLE:** A-100-0072, Miniature Electronics Repair

**TRAINING ACTIVITY:** Fleet Training Center

**LOCATION, UIC:** Norfolk, 30811

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.1		0.1		0.1		0.1		0.1	Chargeable

**TRAINING ACTIVITY:** Fleet Training Center

**LOCATION, UIC:** San Diego, 30808

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.1		0.1		0.1		0.1		0.1	Chargeable

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

**CIN, COURSE TITLE:** C-198-4873, AN/SSM-9 Video Test Station (VTS) Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

**CIN, COURSE TITLE:** C-602-3084, Air Refueling Store Model SF-31 Repair Technician

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	20		20		20		20		20	ATIR
	18		18		18		18		18	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	19		19		19		19		19	ATIR
	17		17		17		17		17	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

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

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

**TRAINING ACTIVITY:** MTU 1039

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** D-102-6152, UHF Communications ADF and ICS Equipment Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1007

**LOCATION, UIC:** NAMTRAGRU DET NAS Oceana, 66045

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** D-130-9057, P-3 Model Aircraft MAD System 1 Maintenance

**TRAINING ACTIVITY:** MTU 1011

**LOCATION, UIC:** NAMTRAGRU DET NAS Jacksonville, 66051

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable



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

**CIN, COURSE TITLE:** D-150-6010, AN/ASM-608 Inertial Measurement Unit Test Set (IMUTS) Operation/Maintenance

**TRAINING ACTIVITY:** MTU 3010

**LOCATION, UIC:** NAMTRAGRU DET NAS Oceana, 66045

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

**CIN, COURSE TITLE:** D-198-6005, AN/USM-429 Computerized Automatic Test Station (CAT 3D) Operation/Maintenance

**TRAINING ACTIVITY:** MTU 3010

**LOCATION, UIC:** NAMTRAGRU DET NAS Oceana, 66045

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.4		0.4		0.4		0.4		0.4	AOB
	0.4		0.4		0.4		0.4		0.4	Chargeable

**CIN, COURSE TITLE:** D-198-6032, AN/USM-247 VAST Test Program Set Analyst Pipeline

**TRAINING ACTIVITY:** MTU 3010

**LOCATION, UIC:** NAMTRAGRU DET NAS Oceana, 66045

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	11		11		11		11		11	ATIR
	10		10		10		10		10	Output
	1.5		1.5		1.5		1.5		1.5	AOB
	1.5		1.5		1.5		1.5		1.5	Chargeable

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

**CIN, COURSE TITLE:** D-198-6045, AN/USM-484 Hybrid Test Station (HTS) Operation/Maintenance

**TRAINING ACTIVITY:** MTU 1039

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

**CIN, COURSE TITLE:** D-198-6102, Consolidated Automated Support System (CASS) Test Station Int. Operator

**TRAINING ACTIVITY:** MTU 3010

**LOCATION, UIC:** NAMTRAGRU DET NAS Oceana, 66045

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	15		15		15		15		15	ATIR
	14		14		14		14		14	Output
	2.0		2.0		2.0		2.0		2.0	AOB
	2.0		2.0		2.0		2.0		2.0	Chargeable

**CIN, COURSE TITLE:** D-602-4008, Hydraulic Components Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1007

**LOCATION, UIC:** NAMTRAGRU DET NAS Oceana, 66045

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.1		0.1		0.1		0.1		0.1	Chargeable

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

**CIN, COURSE TITLE:** D-602-5032, Vertical Fixed Winged Automatic Flight Control System Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1011

**LOCATION, UIC:** NAMTRAGRU DET NAS Jacksonville, 66051

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** D-602-5062, Aircraft Sealed Instrument Intermediate Repair

**TRAINING ACTIVITY:** MTU 1011

**LOCATION, UIC:** NAMTRAGRU DET NAS Jacksonville, 66051

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

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

**TRAINING ACTIVITY:** MTU 1038

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

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

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

**TRAINING ACTIVITY:** MTU 4030

**LOCATION, UIC:** NAMTRAGRU DET NS Mayport, 66069

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

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

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** E-102-6064, AN/APS-116 Intermediate Maintenance Technician

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	8		8		8		8		8	ATIR
	7		7		7		7		7	Output
	2.1		2.1		2.1		2.1		2.1	AOB
	2.1		2.1		2.1		2.1		2.1	Chargeable

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

**CIN, COURSE TITLE:** E-102-6152, UHF Communications ADF and ICS Equipment Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1008

**LOCATION, UIC:** NAMTRAGRU DET MCAS Miramar, 66064

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** E-130-9057, P-3 Model Aircraft MAD System 1 Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**CIN, COURSE TITLE:** E-150-6010, AN/ASM-608 Inertial Measurement Unit Test Set (IMUTS) Operation/Maintenance

**TRAINING ACTIVITY:** MTU 3011

**LOCATION, UIC:** NAMTRAGRU DET MCAS Miramar, 66064

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

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

**CIN, COURSE TITLE:** E-198-6004, AN/USM-403 Hybrid Automatic Test Set (HATS) Operator

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	8		8		8		8		8	ATIR
	7		7		7		7		7	Output
	0.8		0.8		0.8		0.8		0.8	AOB
	0.8		0.8		0.8		0.8		0.8	Chargeable

**CIN, COURSE TITLE:** E-198-6005, AN/USM-429 Computerized Automatic Test Station (CAT-IIID) Operation/Maintenance

**TRAINING ACTIVITY:** MTU 3011

**LOCATION, UIC:** NAMTRAGRU DET MCAS Miramar, 66064

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.4		0.4		0.4		0.4		0.4	AOB
	0.4		0.4		0.4		0.4		0.4	Chargeable

**CIN, COURSE TITLE:** E-198-6022, S-3 Forward Looking Infrared (FLIR) Systems Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.6		0.6		0.6		0.6		0.6	AOB
	0.6		0.6		0.6		0.6		0.6	Chargeable

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

**CIN, COURSE TITLE:** E-198-6032, AN/USM-247 VAST Test Program Set Analyst Pipeline

**TRAINING ACTIVITY:** MTU 3011

**LOCATION, UIC:** NAMTRAGRU DET MCAS Miramar, 66064

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	9		9		9		9		9	ATIR
	8		8		8		8		8	Output
	1.2		1.2		1.2		1.2		1.2	AOB
	1.2		1.2		1.2		1.2		1.2	Chargeable

**CIN, COURSE TITLE:** E-198-6045, AN/USM-484 Hybrid Test Station (HTS) Operation/Maintenance

**TRAINING ACTIVITY:** MTU 1038

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

**CIN, COURSE TITLE:** E-198-6102, Consolidated Automated Support System (CASS) Test Station Int. Operator

**TRAINING ACTIVITY:** MTU 3011

**LOCATION, UIC:** NAMTRAGRU DET MCAS Miramar, 66064

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	13		13		13		13		13	ATIR
	12		12		12		12		12	Output
	1.7		1.7		1.7		1.7		1.7	AOB
	1.7		1.7		1.7		1.7		1.7	Chargeable

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

**CIN, COURSE TITLE:** D-601-3010, T-34 Engine and Related Systems Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

**CIN, COURSE TITLE:** E-602-4008, Hydraulic Components Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1008

**LOCATION, UIC:** NAMTRAGRU DET MCAS Miramar, 66064

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.1		0.1		0.1		0.1		0.1	Chargeable

**CIN, COURSE TITLE:** E-602-5032, Vertical Fixed Winged Automatic Flight Control System Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 1036

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable



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

**CIN, COURSE TITLE:** E-602-5062, Aircraft Sealed Instrument Intermediate Repair

**TRAINING ACTIVITY:** MTU 1025

**LOCATION, UIC:** NAMTRAGRU DET MCAS Miramar, 66064

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

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

**TRAINING ACTIVITY:** MTU 1039

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

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

**TRAINING ACTIVITY:** MTU 4033

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

**SOURCE:** Navy **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

## PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the S-3B Aircraft and, therefore, are not included in Part IV of this NTSP:

IV.A. Training Hardware

IV.B.1. Training Services

IV.C. Facility Requirements

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

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

IV.C.3. Facility Project Summary by Program

NOTE: Per the current BRAC list, MTU 1037 and MTU 1039 NAMTRAGRU DET Cecil Field is scheduled to move to NAMTRAGRU DET Jacksonville, Florida, commencing in July 1998 with completion in October 1998. These changes will be reflected in future updates of this NTSP.

**PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS**

**IV.A. TRAINING HARDWARE**

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

**CIN, COURSE TITLE:** C-102-9688, S-3B Computer Systems Specialist Integrated Organizational Maintenance (of track D/E-102-1725)

**TRAINING ACTIVITY:** MTU 1036

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

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	AN/ARS-2	1	Nov 94	GFE	On board
0002	AN/AQH-7	1	Nov 94	GFE	On board
0003	ALR-76	1	Nov 94	GFE	On board
0004	AN/AWG-19	1	Nov 94	GFE	On board
0005	TS-3519 DSM	1	Nov 94	GFE	On board
0006	AN/UYS-1	1	Nov 94	GFE	On board
0007	AN/ARR-78	1	Nov 94	GFE	On board
0008	AN/ALE-39	1	Nov 94	GFE	On board

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	AN/ARS-2	1	Jan 88	GFE	On board
0002	AN/AQH-7	1	Jan 88	GFE	On board
0003	AN/ALR-76	1	Jan 88	GFE	On board
0004	AN/AWG-19	1	Jan 88	GFE	On board
0005	TS-3519 DSM	1	Jan 88	GFE	On board
0006	AN/UYS-1	1	Jan 88	GFE	On board
0007	AN/ARR-78	1	Jan 88	GFE	On board
0008	AN/ALE-39	1	Jan 88	GFE	On board

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

**CIN, COURSE TITLE:** C-102-9690, S-3B Avionics (Career) Organizational Maintenance (of track D/E-102-1741)

**TRAINING ACTIVITY:** MTU 1036

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

<b>ITEM NUMBER</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
SPTE					
0016	Data Link Test Set, SM511SW	1	Apr 95	GFE	On board
0017	Radar Beacon Test Set, 61205-400001	1	Apr 95	GFE	On board
0018	Waveguide Leak Test Set, BD40-101	1	Apr 95	GFE	On board
0019	Interrogator Test Set, 14200000	1	Apr 95	GFE	On board
0020	Transponder Test Set, 155600	1	Apr 95	GFE	On board
0021	Navigation Simulator, BA59-103	1	Apr 95	GFE	On board
0022	Pressure Test Set, 7971900	1	Apr 95	GFE	On board
0023	Aircraft Wiring Test Set, BU60-101	1	Apr 95	GFE	On board
0024	Diagnostic Test Set, Adapter, BU62-101	1	Apr 95	GFE	On board
0025	Time Domain Reflectometer, 1502B-03-04MODNB	1	Apr 95	GFE	On board
0026	Time Domain Adapter Set, BA85-101	1	Apr 95	GFE	On board
0027	Test Set Adapter, BU65-101	1	Apr 95	GFE	On board
ST					
0011	Demagnetizer, D64048	1	Apr 95	GFE	On board
0012	Gradiometer, GH22-5	1	Apr 95	GFE	On board
0013	Extraction Tool, 50445	1	Apr 95	GFE	On board
0014	Reset Tool, RT22	1	Apr 95	GFE	On board
0015	Radar Inhibitor Plug, BK18-101	1	Apr 95	GFE	On board
TTE					
0001	AN/ARS-2	1	Nov 94	GFE	On board
0002	AN/AQH-7	1	Nov 94	GFE	On board

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

0003	AN/ALR-76	1	Nov 94	GFE	On board
0004	AN/AWG-19	1	Nov 94	GFE	On board
0005	TS-3519 DSM	1	Nov 94	GFE	On board
0006	AN/UYS-1	1	Nov 94	GFE	On board
0007	AN/ARR-78	1	Nov 94	GFE	On board
0008	AN/ALE-39	1	Nov 94	GFE	On board

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC:** NAMTRAGRU DET NAS Cecil Field, 66050

<b>ITEM NUMBER</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
SPTE					
0016	Data Link Test Set, SM511SW	1	Feb 91	GFE	On board
0017	Radar Beacon Test Set, 61205-400001	1	Feb 91	GFE	On board
0018	Waveguide Leak Test Set, BD40-101	1	Feb 91	GFE	On board
0019	Interrogator Test Set, 14200000	1	Feb 91	GFE	On board
0020	Transponder Test Set, 155600		Feb 91	GFE	On board
0021	Navigation Simulator, BA59-103	1	Feb 91	GFE	On board
0022	Pressure Test Set, 7971900	1	Feb 91	GFE	On board
0023	Aircraft Wiring Test Set, BU60-101	1	Feb 91	GFE	On board
0024	Diagnostic Test Set, Adapter, BU62-101	1	Feb 91	GFE	On board
0025	Time Domain Reflectometer, 1502B-03-04MODNB	1	Feb 91	GFE	On board
0026	Time Domain Adapter Set, BA85-101	1	Feb 91	GFE	On board
0027	Test Set Adapter, BU65-101	1	Feb 91	GFE	On board
ST					
0011	Demagnetizer, D64048	1	Feb 91	GFE	On board
0012	Gradiometer, GH22-5	1	Feb 91	GFE	On board
0013	Extraction Tool, 50445	1	Feb 91	GFE	On board

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

0014	Reset Tool, RT22	1	Feb 91	GFE	On board
0015	Radar Inhibitor Plug, BK18-101	1	Feb 91	GFE	On board

**TTE**

0001	AN/ARS-2	1	Jan 88	GFE	On board
0002	AN/AQH-7	1	Jan 88	GFE	On board
0003	AN/ALR-76	1	Jan 88	GFE	On board
0004	AN/AWG-19	1	Jan 88	GFE	On board
0005	TS-3519 DSM	1	Jan 88	GFE	On board
0006	AN/UYS-1	1	Jan 88	GFE	On board
0007	AN/ARR-78	1	Jan 88	GFE	On board
0008	AN/ALE-39	1	Jan 88	GFE	On board

**CIN, COURSE TITLE:** C-198-3019, AN/USM-247(V) Versatile Avionics Shop Test (VAST) Advanced Operator (of track D/E-198-6032)

**TRAINING ACTIVITY:** MTU 3010

**LOCATION, UIC:** NAMTRAGRU DET NAS Oceana, 66045

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
-------------	---	----------	-----------	---------	--------

**TTE**

0009	S-3B Test Program Sets	1	Jan 88	GFE	On board
------	------------------------	---	--------	-----	----------

**TRAINING ACTIVITY:** MTU 3011

**LOCATION, UIC:** NAMTRAGRU DET MCAS Miramar, 66064

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
-------------	---	----------	-----------	---------	--------

**TTE**

0009	S-3B Test Program Sets	1	Jan 88	GFE	On board
------	------------------------	---	--------	-----	----------

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

**CIN, COURSE TITLE:** C-198-3676, AN/USM-403 Hybrid Automatic Test Set (HATS) Operator (of track E-198-6004)

**TRAINING ACTIVITY:** MTU 1036

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

<b>ITEM NUMBER</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
TTE 0010	S-3B Test Program Sets	1	Jan 88	GFE	On board

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

**DEVICE:** 14B49A PTCM #2  
**DESCRIPTION:** The PTCM is a tactics trainer for TACCO and SENSO personnel.  
**MANUFACTURER:** Lockheed Corporation and Singer Corporation  
**CONTRACT NUMBER:** N00019-87-C-0148  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Jun 95	On board	E-050-1721 E-050-1722

**DEVICE:** 14B49A PTCM #3  
**DESCRIPTION:** The PTCM is a tactics trainer for TACCO and SENSO personnel.  
**MANUFACTURER:** Lockheed Corporation and Singer Corporation  
**CONTRACT NUMBER:** N00019-87-C-0148  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Oct 90	On board	E-050-1721 E-050-1722

**DEVICE:** Ordnance Trainer #1 (UPGRADE)  
**DESCRIPTION:** This device is an organizational level maintenance ordnance trainer.  
**MANUFACTURER:** Lockheed Corporation  
**CONTRACT NUMBER:** N00019-84-G-0265  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1036  
**LOCATION, UIC :** NAMTRAGRU DET NAS North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	May 95	On board	C-646-9677 (of track) E-646-1744

**DEVICE:** Ordnance Trainer #2  
**DESCRIPTION:** This device is an organizational level maintenance ordnance trainer.  
**MANUFACTURER:** Lockheed Corporation  
**CONTRACT NUMBER:** N00019-84-G-0265  
**TEE STATUS:** NA



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

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC :** NAMTRAGRU DET NAS Cecil Field, 09335

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Oct 88	On board	C-646-9677 (of track D-102-1744)

**DEVICE:** S-3B IAT #1 (UPGRADE)  
**DESCRIPTION:** The S-3B IAT is an Integrated Avionics Trainer.  
**MANUFACTURER:** Lockheed Corporation  
**CONTRACT NUMBER:** N00019-84-G-0265  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1036

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

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Apr 95	On board	C-102-9690 (of track E-102-1741)

**DEVICE:** S-3B IAT #2  
**DESCRIPTION:** The S-3B IAT is an Integrated Avionics Trainer.  
**MANUFACTURER:** Lockheed Corporation  
**CONTRACT NUMBER:** N00019-84-G-0265  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC :** NAMTRAGRU DET NAS Cecil Field, 66050

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Oct 88	On board	C-102-9690 (of track D-102-1741)

**DEVICE:** Table Top Trainer  
**DESCRIPTION:** Personal computers with software to conduct acoustic and ISAR training.  
**MANUFACTURER:** Naval Surface Warfare Center, White Oak Maryland  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA.

**TRAINING ACTIVITY:** FASOTRAGRULANT

**LOCATION, UIC :** NAS Cecil Field, 66050

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
16	NA.	Jan 92	On board	D-050-1721 D-050-1722

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

**TRAINING ACTIVITY:** FASOTRAGRUPAC  
**LOCATION, UIC :** NAS North Island, 09191

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
16	NA.	Jan 92	On board	E-050-1721 E-050-1722

**DEVICE:** Weapon System Trainer #1  
**DESCRIPTION:** The 2F92B Weapon System Trainer is a four position aircrew trainer.  
**MANUFACTURER:** Singer Corporation  
**CONTRACT NUMBER:** N00019-87-C-0148  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	May 91	On board	E-2A-1721 E-2A-1722 E-2D-1721 E-2D-1722

**DEVICE:** Weapon System Trainer #2  
**DESCRIPTION:** The 2F92B Weapon System Trainer is a four position aircrew trainer.  
**MANUFACTURER:** Singer Corporation  
**CONTRACT NUMBER:** N00019-87-C-0148  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** COMSEACONWINGLANT  
**LOCATION, UIC :** NAS Cecil Field, 60200

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Dec 90	On board	D-2A-1721

**DEVICE:** Weapon System Trainer #3  
**DESCRIPTION:** The 2F92B Weapon System Trainer is a four position aircrew trainer.  
**MANUFACTURER:** Singer Corporation  
**CONTRACT NUMBER:** N00019-87-C-0148  
**TEE STATUS:** NA

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

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Jul 92	On board	E-2A-1721 E-2A-1722 E-2D-1721 E-2D-1722

**DEVICE:** Weapon System Trainer #4  
**DESCRIPTION:** The 2F92B Weapon System Trainer is a four position aircrew trainer.  
**MANUFACTURER:** Singer Corporation  
**CONTRACT NUMBER:** N00019-87-C-0148  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Nov 95	On board	E-2A-1721 E-2A-1722 E-2D-1721 E-2D-1722

**DEVICE:** Weapon System Trainer #5  
**DESCRIPTION:** The 2F92B Weapon System Trainer is a four position aircrew trainer.  
**MANUFACTURER:** Singer Corporation  
**CONTRACT NUMBER:** N00019-87-C-0148  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** COMSEACONWINGLANT  
**LOCATION, UIC :** NAS Cecil Field, 60200

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	NA.	Oct 91	On board	D-2A-1721

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

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-2A-1721, S-3B Fleet Replacement Pilot Category 1 Pipeline

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Acoustic and ISAR Software for Table Top Trainers	50	Dec 92	On board
S-3B Fleet Replacement Pilot Category 1 Curriculum Outlines	3	Dec 92	On board
S-3B Fleet Replacement Pilot Category 1 Instructor Guides	5	Dec 92	On board
S-3B Fleet Replacement Pilot Category 1 Student Achievement Tests	50	Dec 92	On board
S-3B Fleet Replacement Pilot Category 1 Student Guides	50	Dec 92	On board
Video Cassette Recorder	6	Dec 92	On board

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-2A-1722, S-3B Fleet Replacement Pilot Category 2 Pipeline

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Fleet Replacement Pilot Category 2 Curriculum Outlines	3	Dec 91	On board
S-3B Fleet Replacement Pilot Category 2 Instructor Guides	5	Dec 91	On board
S-3B Fleet Replacement Pilot Category 2 Student Achievement Tests	50	Dec 91	On board
S-3B Fleet Replacement Pilot Category 2 Student Guides	50	Dec 91	On board

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-2D-1721, S-3B Fleet Replacement Naval Flight Officer Pipeline Category 1

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Acoustic and ISAR Software for Table Top Trainers	50	Dec 92	On board
S-3B Fleet Replacement NFO Category 1 Curriculum Outlines	3	Dec 92	On board
S-3B Fleet Replacement NFO Category 1 Instructor Guides	5	Dec 92	On board
S-3B Fleet Replacement NFO Category 1 Student Achievement Tests	50	Dec 92	On board

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

S-3B Fleet Replacement NFO Category 1 Student Guides	50	Dec 92	On board
Video Cassette Recorder	6	Dec 92	On board

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-2D-1722, S-3B Fleet Replacement Naval Flight Officer Pipeline Category 2

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Fleet Replacement NFO Category 2 Curriculum Outlines	3	Dec 91	On board
S-3B Fleet Replacement NFO Category 2 Instructor Guides	5	Dec 91	On board
S-3B Fleet Replacement NFO Category 2 Student Achievement Tests	50	Dec 91	On board
S-3B Fleet Replacement NFO Category 2 Student Guides	50	Dec 91	On board

**TRAINING ACTIVITY:** MTU 1036  
**LOCATION, UIC :** NAMTRAGRU DET NAS North Island, 66065  
**CIN, COURSE TITLE:** C-102-9688, S-3B Computer Systems Specialist Integrated Organizational Maintenance (of track E-102-1725)

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Computer System Specialist Curriculum Outlines	3	Oct 93	On board
S-3B Computer System Specialist Instructor Guides	5	Oct 93	On board
S-3B Computer System Specialist Student Achievement Tests	50	Oct 93	On board
S-3B Computer System Specialist Student Guides	50	Oct 93	On board
Set of Graphics, 35mm Slides, and Wall Charts	3	Feb 95	On board

**TRAINING ACTIVITY:** MTU 1037  
**LOCATION, UIC :** NAMTRAGRU DET NAS Cecil Field, 66050  
**CIN, COURSE TITLE:** C-102-9688, S-3B Computer Systems Specialist Integrated Organizational Maintenance (of track D-102-1725)

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Computer System Specialist Curriculum Outlines	3	Oct 93	On board
S-3B Computer System Specialist Instructor Guides	5	Oct 93	On board
S-3B Computer System Specialist Student Achievement Tests	50	Oct 93	On board
S-3B Computer System Specialist Student Guides	50	Oct 93	On board
Set of Graphics, 35mm Slides, and Wall Charts	3	Dec 90	On board

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

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-050-1721, S-3B Sensor Operator Category 1 Pipeline

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Acoustic and ISAR Software for Table Top Trainers	50	Dec 92	On board
S-3B Sensor Operator Category 1 Curriculum Outlines	3	Oct 91	On board
S-3B Sensor Operator Category 1 Instructor Guides	5	Oct 91	On board
S-3B Sensor Operator Category 1 Student Achievement Tests	50	Oct 91	On board
S-3B Sensor Operator Category 1 Student Guides	50	Oct 91	On board
Video Cassette Recorder	6	Dec 92	On board

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-050-1722, S-3B Sensor Operator Category 2 Pipeline

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Sensor Operator Category 2 Curriculum Outlines	3	Oct 91	On board
S-3B Sensor Operator Category 2 Instructor Guides	5	Oct 91	On board
S-3B Sensor Operator Category 2 Student Achievement Tests	50	Oct 91	On board
S-3B Sensor Operator Category 2 Student Guides	50	Oct 91	On board

**TRAINING ACTIVITY:** MTU 1036  
**LOCATION, UIC :** NAMTRAGRU DET NAS North Island, 66065  
**CIN, COURSE TITLE:** C-102-9690, S-3B Avionics (Career) Organizational Maintenance (of track E-102-1741)

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Electronic Systems Technician Curriculum Outlines	3	Oct 93	On board
S-3B Electronic Systems Technician Instructor Guides	5	Oct 93	On board
S-3B Electronic Systems Technician Student Achievement Tests	50	Oct 93	On board
S-3B Electronic Systems Technician Student Guides	50	Oct 93	On board
Set of Graphics, 35mm Slides, and Wall Charts	3	Feb 95	On board

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

**TRAINING ACTIVITY:** MTU 1037  
**LOCATION, UIC :** NAMTRAGRU DET NAS Cecil Field, 66050  
**CIN, COURSE TITLE:** C-102-9690, S-3B Avionics (Career) Organizational Maintenance (of track D-102-1741)

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Electronic Systems Technician Curriculum Outlines	3	Oct 93	On board
S-3B Electronic Systems Technician Instructor Guides	5	Oct 93	On board
S-3B Electronic Systems Technician Student Achievement Tests	50	Oct 93	On board
S-3B Electronic Systems Technician Student Guides	50	Oct 93	On board
Set of Graphics, 35mm Slides, and Wall Charts	3	Dec 90	On board

**TRAINING ACTIVITY:** MTU 1036  
**LOCATION, UIC :** NAMTRAGRU DET NAS North Island, 66065  
**CIN, COURSE TITLE:** C-646-9677, S-3B Armament Control and Delivery Systems (Career) Organizational Maintenance (of track E-646-1744)

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Armament System Curriculum Outlines	3	Oct 93	On board
S-3B Armament System Instructor Guides	5	Oct 93	On board
S-3B Armament System Student Achievement Tests	50	Oct 93	On board
S-3B Armament System Student Guides	50	Oct 93	On board
Set of Graphics, 35mm Slides, and Wall Charts	3	Feb 95	On board

**TRAINING ACTIVITY:** MTU 1037  
**LOCATION, UIC :** NAMTRAGRU DET NAS Cecil Field, 66050  
**CIN, COURSE TITLE:** C-646-9677, S-3B Armament Control and Delivery Systems (Career) Organizational Maintenance (of track D-646-1744)

<b>TYPE OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
S-3B Armament System Curriculum Outlines	3	Oct 93	On board
S-3B Armament System Instructor Guides	5	Oct 93	On board
S-3B Armament System Student Achievement Tests	50	Oct 93	On board
S-3B Armament System Student Guides	50	Oct 93	On board
Set of Graphics, 35mm Slides, and Wall Charts	3	Dec 90	On board

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

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-2A-1721, S-3B Fleet Replacement Pilot Category 1 Pipeline

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NAVAIR 01-S3AAB-1 NATOPS Flight Manual	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1.1 NATOPS Weapon System Manual	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1B NATOPS Flight Crew Pocket Checklist	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1T NWP 55 Tactical Manual, Navy Model S-3 Aircraft	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1T NWP 55 Tactical Manual Secret Supplement, Navy Model S-3 Aircraft	Hard copy	62	Dec 1992	On board

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-2A-1722, S-3B Fleet Replacement Pilot Category 2 Pipeline

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NAVAIR 01-S3AAB-1 NATOPS Flight Manual	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1.1 NATOPS Weapon System Manual	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1B NATOPS Flight Crew Pocket Checklist	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1T NWP 55 Tactical Manual Secret Supplement, Navy Model S-3 Aircraft	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1T NWP 55 Tactical Manual, Navy Model S-3 Aircraft	Hard copy	62	Dec 1992	On board



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

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-2D-1721, S-3B Fleet Replacement Naval Flight Officer Pipeline Category 1

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NAVAIR 01-S3AAB-1 NATOPS Flight Manual	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1.1 NATOPS Weapon System Manual	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1B NATOPS Flight Crew Pocket Checklist	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1T NWP 55 Tactical Manual, Navy Model S-3 Aircraft	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1T NWP 55 Tactical Manual Secret Supplement, Navy Model S-3 Aircraft	Hard copy	62	Dec 1992	On board

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-2D-1722, S-3B Fleet Replacement Naval Flight Officer Pipeline Category 2

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NAVAIR 01-S3AAB-1 NATOPS Flight Manual	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1B NATOPS Flight Crew Pocket Checklist	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1T NWP 55 Tactical Manual, Navy Model S-3 Aircraft	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1T NWP 55 Tactical Manual Secret Supplement, Navy Model S-3 Aircraft	Hard copy	62	Dec 1992	On board

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

**TRAINING ACTIVITY:** MTU 1036  
**LOCATION, UIC :** NAMTRAGRU DET NAS North Island, 66065  
**CIN, COURSE TITLE:** C-102-9688, S-3B Computer Systems Specialist Integrated Organizational Maintenance (of track E-102-1725)

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR 01-S3AAA-2-3.12 Aircraft Weapon System Maintenance, General Purpose Digital Computer	Hard copy	6	Feb 1995	
NAVAIR 01-S3AAA-2-3.12 Testing and Trouble Shooting, General Purpose Digital Computer	Hard copy	6	Feb 1995	On board
NAVAIR 01-S3AAB-2-2.12 Principals of Operation, General Purpose Digital Computer	Hard copy	6	Feb 1995	On board

**TRAINING ACTIVITY:** MTU 1037  
**LOCATION, UIC :** NAMTRAGRU DET NAS Jacksonville, 66050  
**CIN, COURSE TITLE:** C-102-9688, S-3B Computer Systems Specialist Integrated Organizational Maintenance (of track D-102-1725)

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR 01-S3AAA-2-3.12 Testing and Trouble Shooting, General Purpose Digital Computer	Hard copy	6	Dec 1990	On board
NAVAIR 01-S3AAA-2-3.12 Aircraft Weapon System Maintenance, General Purpose Digital Computer	Hard copy	6	Dec 1990	On board
NAVAIR 01-S3AAB-2-2.12 Principals of Operation, General Purpose Digital Computer	Hard copy	6	Dec 1990	On board

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-050-1721, S-3B Sensor Operator Category 1 Pipeline

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR 01-S3AAB-1 NATOPS Flight Manual	Hard copy	62	Dec 1992	On board

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

**TRAINING ACTIVITY:** VS-41  
**LOCATION, UIC :** NAS North Island, 45706  
**CIN, COURSE TITLE:** E-050-1722, S-3B Sensor Operator Category 2 Pipeline

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR 01-S3AAB-1 NATOPS Flight Manual	Hard copy	62	Dec 1992	On board
NAVAIR 01-S3AAB-1.1 NATOPS Weapon System Manual	Hard copy	62	Dec 1992	On board

**TRAINING ACTIVITY:** MTU 1036  
**LOCATION, UIC :** NAMTRAGRU DET NAS North Island, 66065  
**CIN, COURSE TITLE:** C-102-9690, S-3B Avionics (Career) Organizational Maintenance (of track E-102-1741)

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR -1-S3AAA-2-5.13 Avionics Systems Wiring Diagrams	Hard copy	6	Feb 1995	On board
NAVAIR 01-S3AAA-2-2-14 Principals of Operation, Avionics Systems, Classified Supplement	Hard copy	6	Feb 1995	On board

**TRAINING ACTIVITY:** MTU 1037  
**LOCATION, UIC :** NAMTRAGRU DET NAS Jacksonville, 66050  
**CIN, COURSE TITLE:** C-102-9690, S-3B Avionics (Career) Organizational Maintenance (of track E-102-1741)

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR -1-S3AAA-2-5.13 Avionics Systems Wiring Diagrams	Hard copy	6	Dec 1990	On board
NAVAIR 01-S3AAA-2-2-14 Principals of Operation, Avionics Systems, Classified Supplement	Hard copy	6	Dec 1990	On board

**TRAINING ACTIVITY:** MTU 1036  
**LOCATION, UIC :** NAMTRAGRU DET NAS North Island, 66065  
**CIN, COURSE TITLE:** C-602-9879, S-3 Environmental Control/Miscellaneous Utilities and Egress System (of track E-602-1760)

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR 01-S3AAA-2-4-7 Aircraft Weapon System Maintenance Environmental Control System	Hard copy	6	Feb 1995	On board

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

**TRAINING ACTIVITY:** MTU 1037  
**LOCATION, UIC :** NAMTRAGRU DET NAS Jacksonville, 66050  
**CIN, COURSE TITLE:** C-602-9879, S-3 Environmental Control/Miscellaneous Utilities and Egress System (of track D-602-1760)

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NAVAIR 01-S3AAA-2-4-7 Aircraft Weapon System, Maintenance Environmental Control System	Hard copy	6	Dec 1990	On board

**TRAINING ACTIVITY:** MTU 1036  
**LOCATION, UIC :** NAMTRAGRU DET NAS North Island, 66065  
**CIN, COURSE TITLE:** C-646-9677, S-3B Armament Control and Delivery Systems (Career) Organizational Maintenance (of track E-646-1744)

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NAVAIR 01-S3AAA-2-4-7 Aircraft Weapon System Maintenance Environmental Control System	Hard copy	6	Dec 1990	On board
NAVAIR 01-S3AAA-75 Airborne Weapons Stores Loading Manual	Hard copy	6	Feb 1995	On board
Publications Index -1-700 Airborne Weapons Stores (Conventional Nuclear) Checklist/SRC/Manual	Hard copy	6	Feb 1995	On board

### IV.B.3. TECHNICAL MANUALS

**TRAINING ACTIVITY:** MTU 1037

**LOCATION, UIC :** NAMTRAGRU DET NAS Jacksonville, 66050

**CIN, COURSE TITLE:** C-646-9677, S-3B Armament Control and Delivery Systems (Career) Organizational Maintenance (of track D-646-1744)

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NAVAIR 01-S3AAA-2-4-7 Aircraft Weapon System Maintenance Environmental Control System	Hard copy	6	Dec 1990	On board
NAVAIR 01-S3AAA-75 Airborne Weapons Stores Loading Manual	Hard copy	6	Dec 1990	On board
Publications Index -1-700 Airborne Weapons Stores (Conventional Nuclear) Checklist/SRC/Manual	Hard copy	6	Dec 1990	On board

## PART V - MPT MILESTONES

<b>DATE</b>	<b>COG CODE</b>	<b>MPT MILESTONES</b>	<b>STATUS</b>
May 1981	TA	Begin Follow-on Replacement Training	Completed
Jun 1981	TSA	Factory Training Contract Awarded	Completed
Jun 1981	PDA	Production Contract Awarded	Completed
Aug 1981	PDA	Begin Analysis of Manpower Personnel and Training Requirements	Completed
Apr 1982	PDA	ILS Master Plan Promulgated	Completed
Jul 1982	PDA	Promulgate Draft NTP to ALCON for Review and Comment	Completed
Oct 1982	PDA	Chair Navy Training Plan Conference	Completed
Oct 1982	PDA	Proposed Navy Training Plan Submitted To CNO	Completed
Jan 1983	CNO	Approve and Promulgate Navy Training Plan	Completed
May 1983	TSA	Curriculum Material Contract Awarded	Completed
May 1984	BUPERS	Begin Programming for Officer Training	Completed
Nov 1984	TSA	Begin Training Advisory Services	Completed
Nov 1984	TSA	Begin Initial Training	Completed
May 1985	CNO	Fleet, Instructor, Support, and Student Billets Allocated	Completed
Dec 1985	BUPERS	Order Instructors and Support Personnel	Completed
Jan 1986	CNO	Promulgate Update Navy Training Plan	Completed
Feb 1986	OPTEVFOR	Begin OPEVAL	Completed
Mar 1987	TSA	Curricula Materials Delivered	Completed
Sep 1987	CNO	Initiate OPNAV Form 1000/4A	Completed
Sep 1987	CNO	Promulgate OPNAV Form 1000/2	Completed
Nov 1987	OPTEVFOR	S-3B TECHEVAL	Completed
Dec 1987	BUPERS	Begin Ordering Enlisted Personnel	Completed
Jan 1988	TSA	Begin Installing Navy Technical Training	Completed
Mar 1988	OPTEVFOR	S-3B OPEVAL	Completed
May 1988	OPTEVFOR	CCG TECHEVAL	Completed
Jun 1988	PDA	Fleet Introduction	Completed
Nov 1988	Technical	Begin Technical Training Equipment Delivery	Completed
Feb 1989	OPTEVFOR	CCG OPEVAL	Completed
Jul 1990	PDA	Achieve Material Support Date	Completed
Jul 1991	PDA	East coast S-3A modified to S-3B Configuration	Completed
Jul 1993	PDA	Achieve Navy Support Date	Completed
Mar 1994	OPTEVFOR	S-3B Software developmental testing	Completed
Jul 1994	OPTEVFOR	S-3B Software operational Testing	Completed
Jul 1994	PDA	West coast S-3A modified to S-3B Configuration	Completed

<b>DATE</b>	<b>COG CODE</b>	<b>MPT MILESTONES</b>	<b>STATUS</b>
Sep 1995	PDA	CCGs installed in Forty S-3B A/C at North Island	Completed
Jun 1996	OPTEVFOR	GPS TECHEVAL	Completed
Feb 1997	OPTEVFOR	Mission Recorder/Reproducer Set verification testing	Completed
Mar 1997	PDA	Installation of the remaining CCGs scheduled to be completed FY00	Ongoing
Dec 1997	PDA	GPSs and Mission Recorder/Reproducer scheduled to begin installation concurrently to be completed FY01	Ongoing
Mar 1998	CNO	Promulgate Update Navy Training System Plan	Pending

**PART VI ACTION ITEMS/ACTION REQUIRED**

None Required



## PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
<b>CAPT G. Peterson</b> S-3 Program Sponsor CNO, N880E2	<b>COMM:</b> (703) 614-3284 <b>DSN:</b> 614-3284
<b>CAPT D. Cutter</b> Head, Plans, Policy, and Fleet Maintenance Support CNO, N881C	<b>COMM:</b> (702) 697-6439 <b>DSN:</b> 227-6439
<b>CDR F. Smith</b> Aviation Technical Training CNO, N889H smith.frank@hq.navy.mil	<b>COMM:</b> (703) 604-7730 <b>DSN:</b> 664-7730 <b>FAX:</b> (703) 614-9795
<b>MSGT D. Anderson</b> NTSP Manager CNO, N889H2A	<b>COMM:</b> (703) 604-7722 <b>DSN:</b> 664-7722 <b>FAX:</b> (703) 614-9795
<b>CDR Q. Hodge</b> Aviation Manpower BUPERS, N122H	<b>COMM:</b> (703) 614-5364 <b>DSN:</b> 224-5364
<b>LCDR C. Whitaker</b> VP/VS/UNFO Training Coordinator CNO, N889F5 whitaker.james@hq.navy.mil	<b>COMM:</b> (703) 614-6025 <b>DSN:</b> 224-6025 <b>FAX:</b> (703) 693-9795
<b>AWCS S. Russell</b> Naval Aircrewman Training Requirements CNO, N889F6	<b>COMM:</b> (703) 614-6025 <b>DSN:</b> 224-6025 <b>FAX:</b> (703) 693-9795
<b>CDR Rob Mathison</b> C4 Plans, Policy, and Requirements CINCLANTFLT, N-61	<b>COMM:</b> (757) 322-5859 <b>DSN:</b> 836-5859
<b>LT P. Takamiya</b> Fleet Training and Readiness Officer CINCPACFLT, N-321	<b>COMM:</b> (808) 474-6965 ext. 7002 <b>DSN:</b> 474-6965 ext. 7002
<b>CDR D. Cousins</b> Deputy for S-3 Programs NAVAIRSYSCOM, PMA290D7	<b>COMM:</b> (301) 757-5701 <b>DSN:</b> 757-5701
<b>Mr. J. Erwin</b> ASW/Special Mission IPT Leader NAVAIRSYSCOM, PMA205-2	<b>COMM:</b> (301) 757-6931 <b>DSN:</b> 757-6931

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL

TELEPHONE NUMBERS

**LCDR R. Gerberding**

S-3 Assistant Program Manager Training Systems  
NAVAIRSYSCOM, PMA205-2G  
gerberdingrk.jfk@navair.navy.mil

**COMM:** (301) 757-8144  
**DSN:** 757-8144  
**FAX:** (301) 757-6945

**AVCM J. Johnson**

Training Systems Manager  
NAVAIRSYSCOM, PMA205-2G1  
johnsonjj.jfk@navair.navy.mil

**COMM:** (703) 757-8142  
**DSN:** 757-8142  
**FAX:** (301) 757-6945

**CDR J. Duke**

S-3 Assistant Program Manager, Logistics  
NAVAIRSYSCOM, AIR-3.1.2R

**COMM:** (703) 604-3630 ext. 6825  
**DSN:** 664-3630 ext. 6825

**CDR D. Wagner**

Class Desk Officer  
COMNAVAIRLANT, N-421D

**COMM:** (757) 444-3651  
**DSN:** 564-3651

**Mr. T. McDine**

Simulator Program Officer  
COMNAVAIRLANT, N382

**COMM:** (757) 444-7137  
**DSN:** 564-7137

**AVCM E. Smith**

Aviation Maintenance Training  
COMNAVAIRLANT, N442F1

**COMM:** (757) 444-3018  
**DSN:** 564-3018

**AMCS G. Likness**

Training Plans Coordinator  
CNET, T25122

**COMM:** (904) 452-8914  
**DSN:** 922-8914

**Mr. A. Sargent**

NTSP Coordinator  
NAVMAC, 32

**COMM:** (901) 873-5993  
**DSN:** 966-5993

**Mr. A. Wolf**

Technical Manuals  
NATSF, NATSF212A

**COMM:** (215) 697-3343  
**DSN:** 442-3343

**Mr. Phil Szczyglowski**

Competency Manager  
NAVAIRSYSCOM, 3.4.1  
szczyglowski\_phil%pax8b@mr.nawcad.navy.mil

**COMM:** (302) 757-9182  
**DSN:** 757-9182  
**FAX:** (301) 342-4723

**AVCM Roger Lovern**

NTSP Manager  
NAVAIRSYSCOM, 3.4.1  
lovern\_roger%pax8b@mr.nawcad.navy.mil

**COMM:** (301) 757-9183  
**DSN:** 757-9183  
**FAX:** (301) 342-4723

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL

TELEPHONE NUMBERS

**ATCS Dell Butler**

NTSP Coordinator

NAVAIRSYSCOM, 3.4.1

butler\_dell%pax8b@mr.nawcad.navy.mil

**COMM:** (301) 757-9188

**DSN:** 757-9188

**FAX:** (301) 342-4723