



NAVY TRAINING SYSTEM PLAN

FOR THE

MSU 200NAV

AIR START UNIT

N78-NTSP-A-50-0123/P

NOVEMBER 2002

MSU 200NAV AIR START UNIT

EXECUTIVE SUMMARY

This Navy Training System Plan has been developed to identify the manpower, personnel, and training requirements to support the MSU 200NAV Air Start Unit. The MSU 200NAV is a Commercial Operations and Support Savings Initiative program in the System Development and Demonstration Phase of the Defense Acquisition System. The MSU 200NAV is currently undergoing Technical Evaluation and Supportability Evaluation for use in the United States Navy and United States Marine Corps. This testing is planned to be completed in November 2002.

The MSU 200NAV will provide a source of compressed air primarily to power aircraft air turbine starters for aircraft engine starting. It will also be used to accomplish other aircraft maintenance and servicing functions, such as engine motoring, powering environmental control systems, and testing Ram Air Turbines. It will replace all Gas Turbine Compressor Air Start Units currently in use at Navy and Marine Corps activities beginning with the Gas Turbine Compressor (GTC)-85 Air Start Units. The unit will be mounted to an A/M 32U-16 Trailer for shore-based use and an A/S 32A-31A Tow Tractor for shipboard use.

Maintenance will be performed by Navy and Marine Corps personnel under the three level maintenance concept (organizational, intermediate, and depot) outlined in the Naval Aviation Maintenance Program, OPNAVINST 4790.2 series. The depot level maintenance activity is planned to be the Original Equipment Manufacture (OEM), Hamilton Sundstrand located in San Diego, California.

No change to the existing organizational or intermediate level maintenance activity billet structure is anticipated to support the operation and maintenance of the MSU 200NAV system. Based on a task and skill analysis of the predecessor system, the skills necessary to operate and maintain the MSU 200NAV system will be the same as those required for the existing GTC-85 Air Start Unit. Operators will be personnel of all Navy aviation maintenance ratings and Marine Corps aviation maintenance personnel. Maintainers will be from the Aviation Support Equipment Technician rating holding Navy Enlisted Classification code 7606 and Marine Corps Military Occupational Specialty 6072.

MSU 200NAV operators will be trained at local Aircraft Intermediate Maintenance Departments in pre-operational and post-operational inspections, unit operation, and general servicing. Intermediate level maintainers in Support Equipment 900 Division will receive en-route training on the MSU 200NAV at either of two locations, Maintenance Training Unit (MTU) 3032 Naval Air Maintenance Training Unit (NAMTRAU) Jacksonville, Florida, or MTU 3033 NAMTRAU North Island, California. Personnel currently assigned to Fleet activities will receive initial MSU 200NAV training from Naval Air Technical Data and Engineering Service Command (NATEC) representatives upon installation of the units at their site.

MSU 200NAV AIR START UNIT

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LIST OF ACRONYMS

| | |
|------------|--|
| AIMD | Aircraft Intermediate Maintenance Department |
| AMTCS | Aviation Maintenance Training Continuum System |
| AS | Aviation Support Equipment Technician |
| ATS | Air Turbine Starter |
| CAI | Computer-Aided Instruction |
| CNO | Chief of Naval Operations |
| CMI | Computer-Managed Instruction |
| COMLANTFLT | Commander Atlantic Fleet |
| COMPACFLT | Commander Pacific Fleet |
| COSSI | Commercial Operations and Support Savings Initiative |
| COTS | Commercial Off-The-Shelf |
| CSDS | Constant Speed Drive Systems |
| DA | Developing Agency |
| DT | Developmental Test |
| ECP | Engineering Change Proposal |
| ECS | Environmental Control System |
| EGT | Exhaust Gas Temperature |
| EMI | Electromagnetic Interference |
| EMV | Electromagnetic Vulnerability |
| FADEC | Full Authority Digital Engine Control |
| FY | Fiscal Year |
| ICW | Interactive Courseware |
| LRC | Learning Resource Center |
| MAG | Marine Aircraft Group |
| MALS | Marine Aviation Logistics Squadron |
| MATMEP | Maintenance Training Management and Evaluation Program |
| MCAS | Marine Corps Air Station |
| MOJT | Managed On-the-Job Training |
| MOS | Military Occupational Specialty |
| MRC | Maintenance Requirements Card |
| MTIP | Maintenance Training Improvement Program |

MSU 200NAV AIR START UNIT

LIST OF ACRONYMS

| | |
|---------|--|
| MTU | Maintenance Training Unit |
| NA | Not Applicable |
| NAMP | Naval Aviation Maintenance Program |
| NAMTRAU | Naval Air Maintenance Training Unit |
| NAS | Naval Air Station |
| NATEC | Naval Air Technical Data and Engineering Service Command |
| NAVAIR | Naval Air Systems Command |
| NAVMAC | Naval Manpower Analysis Center |
| NEC | Navy Enlisted Classification |
| NETC | Naval Education and Training Command |
| NTSP | Navy Training System Plan |
| OEM | Original Equipment Manufacturer |
| OPO | OPNAV Principal Official |
| OT | Operational Test |
| PMA | Program Manager, Air |
| RFT | Ready For Training |
| SELRES | Selected Reserve |
| SPETE | Special Purpose Electronic Test Equipment |
| SPTE | Special Purpose Test Equipment |
| ST | Special Tools |
| TD | Training Device |
| TTE | Technical Training Equipment |
| ULSS | User Logistics Support Summary |

MSU 200NAV AIR START UNIT

PREFACE

This Proposed Navy Training System Plan (NTSP) for the MSU 200NAV Air Start Unit dated October 2002 has been developed to update the Draft NTSP, N78-NTSP-A-50-0123/D, dated April 2002. The MSU 200NAV Air Start Unit will replace all Gas Turbine Compressor Air Start Units currently in use at Navy and Marine Corps activities beginning with the Gas Turbine Compressor (GTC-85) Air Start Unit.

This NTSP is in compliance with guidelines set forth in the Navy Training Requirements Documentation Manual, OPNAV Publication P-751-1-9-97. This version incorporates comments from the review of the Draft NTSP, N78-NTSP-A-50-0123/D. Comments were submitted by the Naval Manpower Analysis Center (NAVMAC) and Naval Education and Training Command (NETC). The comments were general in nature.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. **Nomenclature-Title-Acronym.** MSU 200NAV Air Start Unit

2. **Program Element.** Program funding and contract award will occur in March 2003. At that time the Program Element will be identified.

B. SECURITY CLASSIFICATION

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

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor CNO (N781B)

OPO Resource Sponsor..... CNO (N785D1)

Developing Agency NAVAIR (PMA260)

Training Agency COMLANTFLT
COMPACFLT
NETC
COMNAVAIRESFOR

Training Support Agency..... NAVAIR (PMA205)
COMNAVAIRESFOR

Manpower and Personnel Mission Sponsor..... CNO (N12)
BUPERS (PERS-40, PERS-404)

Director of Naval Training CNO (N00T)

Commander, Reserve Program Manager COMNAVAIRESFOR CNO (N0955F)

Marine Corps Force Structure..... MCCDC (C53)

D. SYSTEM DESCRIPTION

1. Operational Uses. The MSU 200NAV Air Start Unit will provide a source of compressed air for powering Air Turbine Starters (ATS) and Constant Speed Drive Systems (CSDS) for aircraft engine starting and motoring both in and out of airframe (i.e., aircraft and engine test systems support). The MSU 200NAV will also power aircraft Environmental Control Systems (ECS) and Nozzle Rotation Systems (AV-8B). The MSU 200NAV will be used by Navy and Marine Corps personnel aboard aircraft carriers, at Naval Air Stations (NAS), and at Marine Corps Air Stations (MCAS).

The MSU 200NAV will be mounted on the A/S 32A-31A Tow Tractor for shipboard use and mounted to an A/M 32U-16 trailer for shore-based use and shipboard test cell support. An Engineering Change Proposal (ECP) is planned for development in Fiscal Year (FY) 03 to modify the A/S 32A-31A Tow Tractor and A/M 32U-16 Trailer for mounting the MSU 200NAV. When ECP information becomes available it will be included in updates to this NTSP.

2. Foreign Military Sales. The Royal Danish Air Force has also procured the MSU 200. Detailed information on Foreign Military Sales can be obtained from the Program Office, Program Manager, Air (PMA) 260.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. The MSU 200NAV is a Commercial Operations and Support Savings Initiative (COSSI) program in the System Development and Demonstration Phase of the Defense Acquisition System. The MSU 200NAV is currently undergoing Technical Evaluation and Supportability Evaluation for the Navy and Marine Corps. This testing is planned to be completed in November 2002. More than 150 Commercial Off-The-Shelf MSU 200 units have been delivered since 1996 to more than 24 commercial airlines and airport authorities around the world, including Saudi Arabia and the Royal Danish Air Force.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The MSU 200NAV will replace all Gas Turbine Compressor Air Start Units currently in use at Navy and Marine Corps activities beginning with the Gas Turbine Compressor (GTC-85) Air Start Units.

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The MSU 200NAV is comprised of a small gas turbine engine housed in an aluminum enclosure. The engine provides compressed air at 56 pounds per square inch absolute (psia) and 204 pounds per minute (ppm) with a performance of 396 horsepower at zero bleed air and nominal speed of 46130 Revolutions Per Minute (RPM). The bleed air temperature is +420 degrees Fahrenheit with an operating temperature range of -40 to +135 degrees Fahrenheit. The MSU 200NAV uses JP-4 and JP-5 fuel and has a fuel consumption rate of approximately 37.4 U.S. gallons per hour from either the Trailer or Tow Tractor fuel tanks, but is electrically self-sufficient. The engine uses an electronic control

system and the entire unit is Electromagnetic Interference (EMI) and Electromagnetic Vulnerability (EMV) hardened.

Combustion air for the gas turbine enters the compressor compartment via the inlet grill and cools the components in the compartment. The air then serves as a working medium in the turbine or is used as bleed air to be delivered to the aircraft. Through the effect of the ejector in the exhaust mixer, the turbine exhaust gas creates a negative pressure in the turbine compartment. Cold air to ventilate the compartment enters through the intakes at the front of the unit. This design of the enclosure allows for full utilization of the turbine performance by minimizing installation losses in the air inlet and exhaust system, as well as minimizing the heating of compressor intake air.

2. Physical Description. The MSU 200NAV contains a gas turbine engine, an enclosure to house all applicable components and protect the equipment from the environment, and adapter assemblies for tractor or trailer mounting. The unit will be readily installed using common support equipment and hand tools. The tractor adapter assembly will mount the unit to the rear face of the A/S 32A-31A Tow Tractor utilizing an L-frame platform. The trailer adapter assembly will mount the unit to the A/M 32U-16 Trailer. Neither the tractor nor the trailer is an integral part of the unit. The dimensions of the MSU 200NAV Module without carrying platform are 27.35 inches in height, 36.61 inches in width, and 68.31 inches in length. The module unit's weight without fuel is 950 pounds. A 30-foot flexible air start hose assembly will be supplied as a component of the unit.

The enclosure will have doors to protect the operator controls from the environment. It will provide easy access for fluid level checks, adjustment, replacement of engine and engine accessories, and other major maintenance. The enclosure is made of aluminum. The top of the enclosure will be designed to withstand the action of throwing the air start hose on it. The air start hose has a total weight of 95 pounds and the aircraft connector end weights 17 pounds.

3. New Development Introduction. The MSU 200NAV system will be introduced as new production and will be retrofitted on approximately 459 tractors and trailers from FY03 through FY07.

4. Significant Interfaces. The MSU 200NAV will be capable of interfacing with the following systems:

- Tractor engine, fuel, and electrical system
- Trailer fuel system
- Aircraft engine starter horn coupling

5. New Features, Configurations, or Material. Start-up and operation of the unit are controlled and monitored by the Full Authority Digital Engine Control (FADEC) control panel.

H. CONCEPTS

1. Operational Concept. The MSU 200NAV will be operated by Navy and Marine Corps aviation maintenance personnel at the organizational level.

2. Maintenance Concept. Maintenance will be performed by Navy and Marine Corps aviation maintenance personnel under the three level (organizational, intermediate, and depot) maintenance concept outlined in the Naval Aviation Maintenance Program (NAMP), OPNAVINST 4790.2 series. The specific maintenance concept requirements and allocations as they apply to this program are as follows.

a. Organizational

(1) Preventive Maintenance. The MSU 200NAV will be operated at the squadron level. Preventive Maintenance (PM) is limited to pre-operational and post-operational inspections, cleaning, lubrication, and servicing checks for fuel and oil in accordance with the Maintenance Requirement Cards (MRC).

(2) Corrective Maintenance. No Corrective Maintenance (CM) is performed at the organizational level.

b. Intermediate

(1) Preventive Maintenance. PM consists of pre-operational and post-operational inspections, corrosion inspections and control, cleaning, lubrication, and servicing checks for fuel and oil in accordance with the MRCs.

(2) Corrective Maintenance. CM consists of troubleshooting, unscheduled repair by component removal and replacement as required to return the unit to service, and verifying repair. Intermediate maintenance will be performed by personnel in the Support Equipment 900 Division.

c. Depot. Depot level maintenance will consist of repairs beyond the capability of the Intermediate Maintenance Activity or condemnation in accordance with the Navy Source Maintenance and Recoverability (SM&R) Codes.

d. Interim Maintenance. Interim depot level maintenance will be provided by the contractor, Hamilton Sundstrand located in San Diego, California, in cooperation with Rheinmetall Landsysteme GmbH, located in Falckensteiner Strsse, Kiel, Germany.

e. Life Cycle Maintenance Plan. The maintenance plan is detailed in the MSU 200NAV Maintenance Plan Number M-LI-2002-7.

3. Manning Concept. No change to the existing organizational or intermediate level maintenance activity billet structure is anticipated. Based on a task and skills analysis of the predecessor system, the skills necessary to operate and maintain the MSU 200NAV system will

be basically the same as those of the existing GTC-85 equipment. MSU 200NAV operators will be provided by the organizational level activities using the unit, and maintainers will be provided by the intermediate level activities that have custody of the unit. Operators will be personnel of all Navy aviation maintenance ratings and Marine Corps aviation maintenance personnel. Maintainers will be of the Aviation Support Equipment Technician (AS) rating with Navy Enlisted Classification (NEC) code 7606 or Marine Corps Military Occupational Specialty (MOS) 6072.

4. Training Concept. As with other support equipment, operators will require licenses. As a prerequisite for the license, MSU 200NAV operators will be trained at local Aircraft Intermediate Maintenance Departments (AIMD) and Marine Aviation Logistics Squadrons (MALS) in pre-operational and post-operational inspections, unit operation, and general servicing. This training will be Phase I of the two-phase Support Equipment Training Program. Phase II training will be administered by the operator's command via the Managed On-the-Job Training (MOJT) process. Phase I training will be developed by NAMTRAGRU Headquarters, Pensacola, Florida.

Computer-Based Training is being developed for both the operator and maintenance maintainer. NAMTRAGRU will accomplish the development of the computer-based operator course. A private contractor will develop the computer-based maintenance course.

Intermediate level maintainers in the Support Equipment 900 Division will require training on the MSU 200NAV at either Maintenance Training Unit (MTU) 3032 Naval Air Maintenance Training Unit (NAMTRAU) Jacksonville, Florida, or MTU 3033 NAMTRAU North Island, California.

Naval Air Technical Data and Engineering Service Command (NATEC) representatives will provide the initial training for onboard personnel as the MSU 200NAV is received at each site. Upon site activation, the NATEC representatives will train Navy AS or Marine Corps MOS 6072 personnel in operation and maintenance.

Most NECs are potentially awarded to Selected Reserve (SELRES) personnel. However, given an individual's current and previous experience, it is not always feasible for SELRES personnel to be awarded an NEC that entails a long training period. Normally, a SELRES billet for a particular NEC that requires a long training period is filled by personnel who were awarded that NEC while on active duty or are willing to attend the required courses, given that a quota and funding are available.

For SELRES personnel to be awarded an NEC, each person's current skills, knowledge, and previous training is evaluated on an individual basis by the Commander, Naval Air Reserve Force and the MTU. In some cases, additional training is required.

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

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

Marine Corps graduates of *Core* and *Strand* “A” school attend the appropriate *Career* “C” School for additional training on a specific type of aircraft or equipment, and to enhance skills and knowledge within their field. Marine Corps graduates from “C” School receive their primary MOS.

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

a. Initial Training. Initial training for Developmental Test (DT) personnel in operation and maintenance was completed in FY01. Initial training for NAMTRAU Instructors and NATEC Representatives in the operation of the MSU 200NAV is planned for November 2002. Initial training for NAMTRAU Instructors and NATEC Representatives in the maintenance for the MSU 200NAV is planned for November 2003. NATEC will provide initial training for shipboard Operational Test (OT) personnel in operation and maintenance upon installation and delivery until formal training is available. The operation and maintenance course will be presented to NATEC representatives, and validated and verified with in December 2003.

| | |
|--------------------|--|
| Title | MSU 200NAV Air Start Unit Engine and Enclosure Intermediate Maintenance |
| Description..... | This initial training will familiarize the Navy or Marine Corps operator and maintainer with the major differences between the MSU 200NAV and the systems it is replacing. Upon completion, the student will be able to perform operation and maintenance tasks to support DT. |
| Location | Government facilities |
| Length..... | 3 days (estimated) |
| RFT date | Currently planned for February 2005 |
| TTE/TD..... | MSU 200NAV |

| | |
|--------------------|---|
| Prerequisites..... | ° AS 7606 ° MOS 6072 |
| Title | MSU 200NAV Air Start Unit Engine and Enclosure Intermediate Maintenance |
| Description..... | This initial training will familiarize the NATEC Representative with the major differences between the MSU 200NAV and the systems it is replacing. Upon completion, the student will be able to perform technical support to the fleet. |
| Location | Government facilities |
| Length..... | 3 days (estimated) |
| RFT date | Currently planned for February 2005 |
| TTE/TD..... | MSU 200NAV |
| Prerequisites..... | NATEC Representative |

b. Follow-on Training. A new intermediate level maintenance training course will be established for the MSU 200NAV. The new course, *C-602-3XXX, MSU 200NAV Engine and Enclosure Intermediate Maintenance*, will be included in the following training tracks:

- ° *D/E-602-7005, Support Equipment Gas Turbine Intermediate Maintenance*
- ° *D/E-602-7040, Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance*

Upon fleet introduction, the MSU 200NAV maintenance course, *C-602-3XXX, MSU 200NAV Engine and Enclosure Intermediate Maintenance*, will replace the GTC-85 course *C-602-3211A* in training tracks *D/E 602-7005* and *D/E 602-7040*. The GTC-85 course will remain active as a stand-alone course for 24 months while the GTC-85s are retired from service. The Ready For Training (RFT) date for *C-602-3XXX, MSU 200NAV Engine and Enclosure Intermediate Maintenance*, is planned for February 2005.

Title **Support Equipment Gas Turbine Intermediate Maintenance Course**

CIN D/E-602-7005

Model Manager.... MTU 3032 NAMTRAU Jacksonville

Description..... This track provides training to the Navy Aviation Support Equipment Technician and includes the following Gas Turbine Compressor Air Start Unit engine and enclosure topics:

- Theory
- Operation
- System Analysis
- Testing and Troubleshooting
- Repair Procedures
- Publications
- Safety

Upon completion the student will be able to perform intermediate level maintenance on Gas Turbine Compressor Air Start Unit engines and enclosures in a shop environment under limited supervision.

Locations ◦ MTU 3032 NAMTRAU Jacksonville
◦ MTU 3033 NAMTRAU North Island

Length..... 51 days

RFT date ◦ Currently available without MSU 200NAV
◦ RFT with MSU 200NAV incorporated: February 2005

Skill identifier AS 7606

TTE/TD..... GTC-85-72, GTCP 100-82, MSU 200NAV, and others (refer to element IV.A.1 and IV.A.2)

Prerequisites..... C-602-2026, Aviation Support Equipment Technician Class A1

Title **Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance Course**

CIN D/E-602-7040

Model Manager.... MTU 3032 NAMTRAU Jacksonville

Description..... This track provides training to the Marine Corps Aviation Support Equipment Technician and includes the following Gas Turbine Compressor Air Start Unit engine and enclosure topics:

- Theory
- Operation
- System Analysis
- Testing and Troubleshooting
- Repair Procedures
- Publications
- Safety

Upon completion the student will be able to perform intermediate level maintenance on Gas Turbine Compressor Air Start Unit engines and enclosures in a shop environment under limited supervision.

Locations ◦ MTU 3032 NAMTRAU Jacksonville
 ◦ MTU 3033 NAMTRAU North Island

Length..... 107 days

RFT date ◦ Currently available without MSU 200NAV
 ◦ RFT with MSU 200NAV incorporated: February 2005

Skill identifier MOS 6072

TTE/TD..... GTC-85-72, GTCP 100-82, MSU 200NAV, and others (refer to element IV.A.1 and IV.A.2)

Prerequisite C-602-2026, Aviation Support Equipment Technician Class A1

c. Student Profiles

| SKILL IDENTIFIER | PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS |
|-------------------------|--|
| AS 7606 | ◦ C-602-2026, Aviation Support Equipment Technician Class A1 |
| MOS 6072 | ◦ C-602-2026, Aviation Support Equipment Technician Class A1 |

d. Training Pipelines. The new course, *C-602-3XXX, MSU 200NAV Engine and Enclosure Intermediate Maintenance*, will not increase the length of training tracks *D/E 602-7005* or *D/E 602-4070*, nor will it affect any other training tracks.

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace Maintenance Training Improvement Program (MTIP). AMTCS is scheduled to begin full implementation for fleet deployment in FY03.

b. Aviation Maintenance Training Continuum System. AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS concepts will provide an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. Where appropriate, capitalizing on technological advances and integrating systems and processes can provide the right amount of training at the right time, thus meeting the Chief of Naval Operations' (CNO) mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction (IMI) for the technicians in the Fleet in the form of Interactive Courseware (ICW) with Computer-Managed Instruction (CMI) and Computer-Aided Instruction (CAI) for the schoolhouse. Computer based training is being developed for both the operator and maintenance maintainer. NAMTRAU Headquarters, Pensacola Florida, will accomplish the development of the computer base operators course. A private contractor will develop the computer based maintenance course.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module, which provides testing [Test and Evaluation], recording [Electronic Certification Qualification Records], and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List data bank. These tools are procured and fielded with appropriate Commercial-Off-The-Shelf (COTS) hardware and software, i.e., Fleet Training Devices - Laptops, PCs, Electronic Classrooms, Learning Resource Centers (LRC), operating software, and network software and hardware.

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

supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

2. Personnel Qualification Standards. Not Applicable (NA)

3. Other Onboard or In-Service Training Packages. Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and Maintenance Training Management and Evaluation Program (MATMEP). This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 series, maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be enhanced with refresher training. (MATMEP is planned to be replaced by AMTCS.)

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

| CONTRACT NUMBER | MANUFACTURER | ADDRESS |
|---|--|--|
| Developmental Contract: N68335-00-9-0339 | Hamilton Sundstrand United Technologies Company | P.O. Box 85757 4400 Ruffin Road San Diego, CA 92186-5757 |

Note 1: Follow-on Production Contract award is scheduled for March 2003.

Note 2: Interim spares and a repair contract will be in place prior to the delivery of the first MSU 200NAV in May 2004.

2. Program Documentation. The User Logistics Support Summary (ULSS) is currently planned for approval and delivery in December 2003.

3. Technical Data Plan. The Technical Manual for the MSU 200NAV is currently being rewritten to a standard Navy Work Package format and is planned for completion in February 2004.

4. Test Sets, Tools, and Test Equipment. There are no requirements for special tools or test sets to support the MSU 200NAV.

5. Repair Parts. The requirements for spares and repair parts have not yet been determined. When these requirements are identified they will be included in updates to this

NTSP. The Material Support Date for the MSU 200NAV is currently planned for November 2005.

6. Human Systems Integration. NA

K. SCHEDULES

1. Installation and Delivery Schedules. Installation and delivery schedules are to be determined. When delivery information becomes available it will be included in updates to this NTSP. The currently planned procurement for the MSU 200NAV is for a total of 459 units with the following schedule. The currently planned total of 459 units may increase in the future.

| | FY03 | FY04 | FY05 | FY06 | FY07 |
|--------------|-------------|-------------|-------------|-------------|-------------|
| UNITS | 49 | 120 | 120 | 120 | 50 |

2. Ready For Operational Use Schedule. The actual delivery dates for individual sites has not yet been determined. The MSU 200NAV will be considered ready for operational use upon completion of installation. Installation is scheduled to begin in FY04 and be completed in FY07.

3. Time Required to Install at Operational Sites. The time required to install each MSU 200NAV on an L-frame assembly and mount it to the A/S 32A-31A Tow Tractor is estimated at 1.5 hours. The mounting of each MSU 200NAV on the A/M 32U-16 Trailer is estimated at 0.5 hours. Receiving activities will be required to mount the MSU 200NAV.

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

5. Training Device and Technical Training Equipment Delivery Schedule

| ACTIVITY | TTE REQUIRED | DATE REQUIRED | READY FOR TRAINING DATE |
|----------------------------------|---|---|--|
| MTU 3032 NAMTRAU Jacksonville | MSU 200NAV: ◦ One shore-based ◦ One shipboard | Shore-based:May 04 Shipboard:May 04 | Feb 05 Feb 05 |
| MTU 3033 NAMTRAU North Island | MSU 200NAV: ◦ One shore-based ◦ One shipboard | Shore-based: ...Nov 03 Shipboard:May 04 | Feb 05 Feb 05 |

Note: In November 2003, MTU 3033 NAMTRAU North Island will receive one pre-production MSU 200NAV shore-based unit for training purposes only.

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

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

| DOCUMENT OR NTSP TITLE | DOCUMENT NUMBER | PDA CODE | STATUS |
|---|----------------------------|---------------------|--------------------|
| GTCP100-82 Support Equipment Gas Turbine Engine | NTP-A-50-8609A/A | PMA260 | Approved Sep 93 |
| MSU 200NAV Maintenance Plan | M-LI-2002-7 | PMA260 | Draft Aug 02 |

Note: The Maintenance Plan for the MSU 200NAV is planned for final approval in November 2003.

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

SOURCE: Total Force Manpower Management System
 Extract from Table of Manpower Requirements, TFS, MCCDC

DATE: November 2002
 November 2002

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

| ACTIVITY, UIC | | PFYs | CFY03 | FY04 | FY05 | FY06 | FY07 |
|-------------------------------|-------|------|-------|------|------|------|------|
| OPERATIONAL ACTIVITIES - USMC | | | | | | | |
| HMH-461 | 09582 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMH-464 | 53935 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMH-772 | 09490 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-167 | 09167 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-169 | 31053 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-269 | 52841 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-773 | 67826 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-773 Det A | 09472 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-775 Det A | 45238 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMM (CH-46E) (East) | 00000 | 6 | 0 | 0 | 0 | 0 | 0 |
| HMH-362 | 09495 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMM-774 | 09430 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMX-1 | 55616 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-16 (RW) | 55583 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-26 (RW) | 09167 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-29 (RW) | 52841 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-49 (RW) | 55555 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMA-223 | 09438 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMA-231 | 52948 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMA-542 | 52847 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMAQ-1 | 41345 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMAQ-2 | 42362 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMAQ-3 | 42363 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMAQ-4 | 67837 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMAT-203 | 57080 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA (AW)-224 | 09439 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA (AW)-232 | 09501 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA (AW)-533 | 09195 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-115 | 09234 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-122 | 09407 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-142 | 08966 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-251 | 09241 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-312 | 09253 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-321 | 09265 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMGR-252 Det A+B | 09387 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMGR-452 | 55215 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMM (MV-22A) | 00000 | 0 | 1 | 1 | 1 | 1 | 0 |
| VMMT-204 | 00000 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMR-1 | 09038 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMU-2 | 57080 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMH-361 | 09008 | 1 | 0 | 0 | 0 | 0 | 0 |

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

| ACTIVITY, UIC | | PFYs | CFY03 | FY04 | FY05 | FY06 | FY07 |
|--|-------|-----------|----------|----------|----------|----------|----------|
| HMH-462 | 09349 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMH-465 | 53936 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMH-769 | 09487 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-267 | 31053 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-367 | 31053 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-369 | 31053 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMLA-775 | 46615 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMM (CH-46E) (West) | 00000 | 6 | 0 | 0 | 0 | 0 | 0 |
| HMM (T) 164 | 09408 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMH-363 | 09496 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMH-463 | 09010 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMM-764 | 09402 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMT-301 | 31947 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMT-302 | 09132 | 1 | 0 | 0 | 0 | 0 | 0 |
| HMT-303 | 55176 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-36 (RW) | 09136 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-39 (RW) | 09808 | 1 | 0 | 0 | 0 | 0 | 0 |
| Marine Aviation Weapons and Tactics Squadron | 55167 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMA-211 | 09412 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMA-214 | 09436 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMA-311 | 09416 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMA-513 | 09231 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA (AW)-121 | 09257 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA (AW)-225 | 09232 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA (AW)-242 | 09668 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-112 | 08954 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-134 | 09365 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-212 | 09434 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-232 | 09242 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-314 | 09230 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFA-323 | 09235 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMFAT-101 | 47046 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMGR-152 Det A+B | 09443 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMGR-234 | 08344 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMGR-352 Det A+B | 09182 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMGTR-253 | 57080 | 1 | 0 | 0 | 0 | 0 | 0 |
| VMU-1 | 31055 | 1 | 0 | 0 | 0 | 0 | 0 |
| TOTAL: | | 87 | 1 | 1 | 1 | 1 | 0 |
| FLEET SUPPORT ACTIVITIES - USN | | | | | | | |
| ABFC FMP ALPHA | 68822 | 1 | 0 | 0 | 0 | 0 | 0 |
| ABFC FMP HOTEL | 68822 | 1 | 0 | 0 | 0 | 0 | 0 |
| AIMD Sigonella Det Rota | 44374 | 1 | 0 | 0 | 0 | 0 | 0 |
| COMLANDCENT TH HQ Sarajevo | 46551 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAF Washington RAIMD | 44492 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Atlanta RAIMD | 44486 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Brunswick AIMD | 44314 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Jacksonville AIMD | 44319 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Keflavik AIMD | 44335 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Key West AIMD | 44320 | 1 | 0 | 0 | 0 | 0 | 0 |

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

| ACTIVITY, UIC | | PFYs | CFY03 | FY04 | FY05 | FY06 | FY07 |
|--|-------|-------------|--------------|-------------|-------------|-------------|-------------|
| NAS New Orleans RAIMD | 44490 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Oceana AIMD | 44327 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Sigonella AIMD | 44330 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Willow Grove RAIMD | 44493 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAVAIRENGSTA Lakehurst | 48558 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAVTEST WINGLANT | 39782 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS Norfolk AIMD | 44325 | 1 | 0 | 0 | 0 | 0 | 0 |
| NS Mayport AIMD | 45459 | 1 | 0 | 0 | 0 | 0 | 0 |
| NS Roosevelt Roads AIMD | 44373 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Abraham Lincoln CVN 72 | 21297 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Dwight D. Eisenhower CVN 69 | 03369 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Enterprise CVN 65 | 03365 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS George Washington CVN 73 | 21412 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Harry S. Truman CV 75 | 21853 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS John C. Stennis CVN 74 | 21847 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS John F. Kennedy CV 67 | 03367 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Ronald Reagan CVN 76 | 22178 | 0 | 1 | 0 | 0 | 0 | 0 |
| USS Theodore Roosevelt CVN 71 | 21247 | 1 | 0 | 0 | 0 | 0 | 0 |
| AIMD MCBH Kaneohe Bay | 44312 | 1 | 0 | 0 | 0 | 0 | 0 |
| COMAEWWINGPAC Det AIMD | 44328 | 1 | 0 | 0 | 0 | 0 | 0 |
| COMFLTACT Okinawa | 62254 | 1 | 0 | 0 | 0 | 0 | 0 |
| COMSEACONTROLWINGPAC Det AIMD | 44326 | 1 | 0 | 0 | 0 | 0 | 0 |
| COMSTRKFIGHTWINGPAC Det AIMD | 44321 | 1 | 0 | 0 | 0 | 0 | 0 |
| COMVAQWINGPAC Det AIMD | 44329 | 1 | 0 | 0 | 0 | 0 | 0 |
| FMP MMF CHARLIE | 68704 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAF Atsugi AIMD | 44323 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAF Misawa AIMD | 44331 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAS JRB Fort Worth RAIMD | 44487 | 1 | 0 | 0 | 0 | 0 | 0 |
| Naval Support Activity Bahrain | 63005 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Carl Vinson CVN 70 | 20993 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Constellation CV 64 | 03364 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Kitty Hawk CV 63 | 03363 | 1 | 0 | 0 | 0 | 0 | 0 |
| USS Nimitz CVN 68 | 03368 | 1 | 0 | 0 | 0 | 0 | 0 |
| TOTAL: | | 42 | | 01 | 0 | 0 | 0 |
| FLEET SUPPORT ACTIVITIES - USMC | | | | | | | |
| Blount Island Command | 32264 | 1 | 0 | 0 | 0 | 0 | 0 |
| Flag and Staff Allow, US Atlantic Flt and NAVEUR | 00000 | 1 | 0 | 0 | 0 | 0 | 0 |
| H&HS MCAS Beaufort | 60169 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-14 | 09114 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-31 | 09131 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-42 (RW) | 09513 | 1 | 0 | 0 | 0 | 0 | 0 |
| Marine Aviation Det, Patuxent River | 67356 | 1 | 0 | 0 | 0 | 0 | 0 |
| MAW HQ | 00000 | 3 | 0 | 0 | 0 | 0 | 0 |
| MC Pers Det of Navy, Non-Dept | 00000 | 1 | 0 | 0 | 0 | 0 | 0 |
| Personnel Management DIV MM | 00000 | 1 | 0 | 0 | 0 | 0 | 0 |
| H&HS MCAS Futenma | 63026 | 1 | 0 | 0 | 0 | 0 | 0 |
| H&HS MCAS Iwakuni | 62613 | 1 | 0 | 0 | 0 | 0 | 0 |
| H&HS MCAS Miramar | 52817 | 1 | 0 | 0 | 0 | 0 | 0 |
| H&HS MCAS Yuma | 62974 | 1 | 0 | 0 | 0 | 0 | 0 |

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

| ACTIVITY, UIC | PFYs | CFY03 | FY04 | FY05 | FY06 | FY07 |
|---|-------------|--------------|-------------|-------------|-------------|-------------|
| MALS-11 09111 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-12 09112 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-13 55585 | 1 | 0 | 0 | 0 | 0 | 0 |
| MALS-41 (FW) 67239 | 1 | 0 | 0 | 0 | 0 | 0 |
| Marine Aviation Logistics Support Element 31947 | 1 | 0 | 0 | 0 | 0 | 0 |
| MCAGCC, MWSS Augment, 29 Palms 67724 | 1 | 0 | 0 | 0 | 0 | 0 |
| MCAGCC, MWSS Augment, 29 Palms (MALS-11) 67724 | 1 | 0 | 0 | 0 | 0 | 0 |
| MCAGCC, MWSS Augment, 29 Palms (MALS-13) 67724 | 1 | 0 | 0 | 0 | 0 | 0 |
| MCAGCC, MWSS Augment, 29 Palms (MALS-16) 67724 | 1 | 0 | 0 | 0 | 0 | 0 |
| MCAGCC, MWSS Augment, 29 Palms (MALS-39) 67724 | 1 | 0 | 0 | 0 | 0 | 0 |
| MWSS 374 (-) (REIN) 67724 | 1 | 0 | 0 | 0 | 0 | 0 |
| Site Support, Fort Worth 48041 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mountain Warfare Training Center, Training Com. 64495 | 1 | 0 | 0 | 0 | 0 | 0 |
| MATSG-21 67389 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAMTRAGRU, MARCOR Personnel 45595 | 1 | 0 | 0 | 0 | 0 | 0 |
| NAMTRA MARUNIT New River 52842 | 1 | 0 | 0 | 0 | 0 | 0 |
| TOTAL: | 32 | 0 | 0 | 0 | 0 | 0 |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|----------------------------------|----------|----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| OPERATIONAL ACTIVITIES - USMC | | | | | |
| HMH-461, 09582 | | | | | |
| USMC | 0 | 5 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMH-464, 53935 | | | | | |
| USMC | 0 | 5 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMH-772, 09490 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| HMLA-167, 09167 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 3 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMLA-169, 31053 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 3 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMLA-269, 52841 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 3 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMLA-773, 67826 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| SMCR | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|-----------------------------------|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| HMLA-773 Det A, 09472 | | | | | |
| USMC | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| SMCR | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| HMLA-775 Det A, 45238 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| AR | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| HMM (CH-46E) (East), 00000 | | | | | |
| USMC | 0 | 18 | CPL | 6072 | |
| | 0 | 12 | LCPL | 6072 | |
| | 0 | 6 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 36 | | | |
| HMH-362, 09495 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| HMM-774, 09430 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| AR | 0 | 2 | CPL | 6072 | |
| SMCR | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMX-1, 55616 | | | | | |
| USMC | 0 | 4 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 7 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 14 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|----------------------------------|----------|-----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| MALS-16 (RW), 55583 | | | | | |
| USMC | 0 | 2 | GYSGT | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 5 | SGT | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |
| MALS-26 (RW), 09167 | | | | | |
| USMC | 0 | 2 | GYSGT | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 5 | SGT | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |
| MALS-29 (RW), 52841 | | | | | |
| USMC | 0 | 2 | GYSGT | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 5 | SGT | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |
| MALS-49 (RW), 55555 | | | | | |
| USMC | 0 | 1 | GYSGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| SMCR | 0 | 1 | GYSGT | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 4 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |
| VMA-223, 09438 | | | | | |
| USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|----------------------------------|----------|----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| VMA-231, 52948 | | | | | |
| USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| VMA-542, 52847 | | | | | |
| USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| VMAQ-1, 41345 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| VMAQ-2, 42362 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| VMAQ-3, 42363 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| VMAQ-4, 67837 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|----------------------------------|----------|----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| VMAT-203, 57080 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 5 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 7 | | | |
| VMFA (AW)-224, 09439 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 2 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| VMFA (AW)-232, 09501 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 2 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| VMFA-122, 09407 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| VMFA (AW)-533, 09195 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 2 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| VMFA-115, 09234 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-142, 08966 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| AR | 0 | 1 | CPL | 6072 | |
| SMCR | 0 | 1 | LCPL | 6072 | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| VMFA-142, 08966, FY03 Increment | | | | | |
| SMCR | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-251, 09241 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-312, 09253 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-321, 09265 | | | | | |
| USMC | 0 | 2 | LCPL | 6072 | |
| AR | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMGR-252 Det A+B, 09387 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| VMGR-452, 55215 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| AR | 0 | 1 | CPL | 6072 | |
| SMCR | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| VMM (MV-22A), 00000, FY03 Increment USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| VMM (MV-22A), 00000, FY04 Increment USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| VMM (MV-22A), 00000, FY05 Increment USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| VMM (MV-22A), 00000, FY06 Increment USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| VMM (MV-22A), 00000, FY07 Increment USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 18 | | | |
| VMMT-204, 00000 USMC | 0 | 6 | LCPL | 6072 | |
| | | | | | |
| | | | | | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| VMR-1, 09038 USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | GYSGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| VMU-2, 57080 USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|----------------------------------|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| HMH-361, 09008 | | | | | |
| USMC | 0 | 5 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMH-462, 09349 | | | | | |
| USMC | 0 | 5 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMH-465, 53936 | | | | | |
| USMC | 0 | 5 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMH-769, 09487 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| HMLA-267, 31053 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 3 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMLA-367, 31053 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 3 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMLA-369, 31053 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 3 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|-----------------------------------|----------|-----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| HMLA-775, 46615 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| SMCR | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| HMM (CH-46E) (West), 00000 | | | | | |
| USMC | 0 | 18 | CPL | 6072 | |
| | 0 | 12 | LCPL | 6072 | |
| | 0 | 6 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 36 | | | |
| HMM (T) 164, 09408 | | | | | |
| USMC | 0 | 5 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| HMH-363, 09496 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| HMH-463, 09010 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| HMM-764, 09402 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| AR | 0 | 2 | CPL | 6072 | |
| SMCR | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| HMT-301, 31947 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| HMT-302, 09132 | | | | | |
| USMC | 0 | 5 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| HMT-303, 55176 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 2 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| MALS-36 (RW), 09136 | | | | | |
| USMC | 0 | 2 | GYSGT | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 5 | SGT | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |
| MALS-39 (RW), 09808 | | | | | |
| USMC | 0 | 2 | GYSGT | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| | 0 | 5 | SGT | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |
| Marine Aviation Weapons and Tactics Squadron One, 55167 | | | | | |
| USMC | 0 | 1 | GYSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| VMA-211, 09412 | | | | | |
| USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|----------------------------------|----------|----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| VMA-214, 09436 | | | | | |
| USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| VMA-311, 09416 | | | | | |
| USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| VMA-513, 09231 | | | | | |
| USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| VMFA (AW)-121, 09257 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 2 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| VMFA (AW)-225, 09242 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 2 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| VMFA (AW)-242, 09668 | | | | | |
| USMC | 0 | 3 | LCPL | 6072 | |
| | 0 | 2 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| VMFA-112, 08954 | | | | | |
| USMC | 0 | 2 | LCPL | 6072 | |
| AR | 0 | 1 | CPL | 6072 | |
| VMFA-112, 08954, FY03 Increment | | | | | |
| SMCR | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-134, 09365 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| AR | 0 | 1 | LCPL | 6072 | |
| VMFA-134, 09365, FY03 Increment | | | | | |
| SMCR | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-212, 09434 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-232, 09242 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-314, 09230 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMFA-323, 09235 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 3 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|----------------------------------|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| VMFAT-101, 47046 | | | | | |
| USMC | 0 | 3 | CPL | 6072 | |
| | 0 | 9 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 13 | | | |
| VMGR-152 Det A+B, 09443 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| VMGR-234, 08344 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| AR | 0 | 1 | CPL | 6072 | |
| SMCR | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| VMGR-352 Det A+B, 09182 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| VMGTR-253, 57080 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| VMU-1, 31055 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|----------|----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| FLEET SUPPORT ACTIVITIES - USN | | | | | |
| ABFC FMP ALPHA, 68822 | | | | | |
| SELRES | 0 | 1 | AS1 | 7606 | 7609 |
| | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | AS3 | 7606 | 7601 |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| ABFC FMP HOTEL, 68822 | | | | | |
| SELRES | 0 | 1 | AS1 | 7606 | 7609 |
| | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | AS3 | 7606 | 7601 |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| AIMD Sigonella Det Rota, 44374 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | AS3 | 7606 | |
| SELRES | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| COMLANDCENT TH HQ Sarajevo, 46551 | | | | | |
| ACDU | 0 | 1 | AS2 | 7606 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| NAF Washington RAIMD, 44492 | | | | | |
| TAR | 0 | 1 | AS1 | 7606 | |
| | 0 | 1 | AS2 | 7606 | |
| NAF Washington RAIMD, 44492, FY03 Increment | | | | | |
| TAR | 0 | 1 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| NAS Atlanta RAIMD, 44486 | | | | | |
| TAR | 0 | 1 | AS1 | 7606 | 7222 |
| | 0 | 1 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|---|----------|-----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| NAS Brunswick AIMD, 44314 | | | | | |
| ACDU | 0 | 1 | AS3 | 7606 | 7607 |
| | 0 | 2 | AS3 | 7607 | 7606 |
| | 0 | 1 | ASAN | 7606 | 7614 |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| NAS Jacksonville AIMD, 44319 | | | | | |
| ACDU | 0 | 2 | AS2 | 7606 | |
| | 0 | 4 | AS3 | 7606 | |
| | 0 | 2 | ASAN | 7606 | |
| ACTIVITY TOTAL: | 0 | 8 | | | |
| NAS Keflavik AIMD, 44335 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| | 0 | 1 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| NAS Key West AIMD, 44320 | | | | | |
| ACDU | 0 | 4 | AS2 | 7606 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| NAS New Orleans RAIMD, 44490 | | | | | |
| TAR | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | AS3 | 7606 | |
| NAS New Orleans RAIMD, 44490, FY03 Increment | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| NAS Oceana AIMD, 44327 | | | | | |
| ACDU | 0 | 2 | AS1 | 7609 | 7606 |
| | 0 | 5 | AS2 | 7606 | |
| | 0 | 2 | AS2 | 7606 | 7607 |
| | 0 | 7 | AS3 | 7606 | |
| | 0 | 6 | ASAN | 7606 | |
| ACTIVITY TOTAL: | 0 | 22 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|---------------------------------------|----------|----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| NAS Sigonella AIMD, 44330 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| | 0 | 2 | AS2 | 7606 | |
| | 0 | 4 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 7 | | | |
| NAS Willow Grove RAIMD, 44493 | | | | | |
| TAR | 0 | 1 | AS1 | 7606 | 7609 |
| | 0 | 2 | AS3 | 7606 | |
| | 0 | 1 | AS3 | 7606 | 7601 |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| NAVAIRENGSTA Lakehurst, 48558 | | | | | |
| ACDU | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | ASAN | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| NAVTEST WINGLANT, 39782 | | | | | |
| ACDU | 0 | 2 | AS2 | 7616 | 7606 |
| | 0 | 2 | AS3 | 7616 | 7606 |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| NAS Norfolk AIMD, 44325 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| | 0 | 2 | AS2 | 7606 | |
| | 0 | 2 | AS3 | 7606 | |
| SELRES | 0 | 1 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| NS Mayport AIMD, 45459 | | | | | |
| ACDU | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | ASAN | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| NS Roosevelt Roads AIMD, 44373 | | | | | |
| ACDU | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | AS2 | 7606 | 7607 |
| | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|---|----------|----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| USS Abraham Lincoln CVN 72, 21297 | | | | | |
| ACDU | 0 | 3 | AS3 | 7606 | |
| | 0 | 1 | ASAN | 7606 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| USS Dwight D. Eisenhower CVN 69, 03369 | | | | | |
| ACDU | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| USS Enterprise CVN 65, 03365 | | | | | |
| ACDU | 0 | 1 | AS2 | 7606 | |
| | 0 | 3 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| USS George Washington CVN 73, 21412 | | | | | |
| ACDU | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| USS Harry S. Truman CV 75, 21853 | | | | | |
| ACDU | 0 | 3 | AS3 | 7606 | |
| | 0 | 1 | ASAN | 7606 | |
| USS Harry S. Truman CV 75, 21853, FY05 Increment | | | | | |
| ACDU | 0 | 1 | ASAN | 7606 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| USS John C. Stennis CVN 74, 21847 | | | | | |
| ACDU | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| USS John F. Kennedy CV 67, 03367 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| | 0 | 1 | AS2 | 7606 | |
| | 0 | 4 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| USS Ronald Reagan CVN 76, 22178, FY03 Increment | | | | | |
| ACDU | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| USS Theodore Roosevelt CVN 71, 21247 | | | | | |
| ACDU | 0 | 1 | AS2 | 7606 | |
| | 0 | 3 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| AIMD MCBH Kaneohe Bay, 44312 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | AS2 | 7606 | 7614 |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| COMAEWWINGPAC Det AIMD, 44328 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| COMFLTACT Okinawa, 62254 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | |
| | 0 | 1 | AS2 | 7606 | |
| | 0 | 1 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| COMSEACONTROLWINGPAC Det AIMD, 44326 | | | | | |
| ACDU | 0 | 1 | AS1 | 7609 | 7606 |
| | 0 | 4 | AS2 | 7606 | |
| | 0 | 1 | AS2 | 7606 | 7607 |
| | 0 | 1 | AS2 | 7614 | 7606 |
| | 0 | 4 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 11 | | | |
| COMSTRKFIGHTWINGPAC Det AIMD, 44321 | | | | | |
| ACDU | 0 | 4 | AS2 | 7606 | |
| | 0 | 1 | AS3 | 7606 | |
| | 0 | 1 | ASAN | 7606 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| COMVAQWINGPAC Det AIMD, 44329 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | 7616 |
| | 0 | 3 | AS2 | 7606 | |
| | 0 | 1 | AS2 | 7606 | 7222 |
| | 0 | 2 | AS2 | 7606 | 7607 |
| | 0 | 4 | AS3 | 7606 | |
| | 0 | 3 | AS3 | 7606 | 7607 |
| COMVAQWINGPAC Det AIMD, 44329, FY03 Increment | | | | | |
| ACDU | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 16 | | | |
| FMP MMF CHARLIE, 68704 | | | | | |
| ACDU | 0 | 1 | AS3 | 7606 | 7607 |
| SELRES | 0 | 1 | AS2 | 7606 | 7607 |
| | 0 | 1 | AS3 | 7606 | 7607 |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| NAF Atsugi AIMD, 44323 | | | | | |
| ACDU | 0 | 2 | AS1 | 7606 | |
| | 0 | 4 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| NAF Misawa AIMD, 44331 | | | | | |
| ACDU | 0 | 1 | AS1 | 7606 | 7222 |
| | 0 | 2 | AS2 | 7606 | |
| | 0 | 1 | AS3 | 7606 | |
| SELRES | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 6 | | | |
| NAS JRB Fort Worth RAIMD, 44487 | | | | | |
| TAR | 0 | 1 | AS1 | 7606 | |
| | 0 | 1 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| Naval Support Activity Bahrain, 63005 ACDU | 0 | 1 | AS2 | 7606 | |
| Naval Support Activity Bahrain, 63005, FY03 Increment ACDU | 0 | 1 | AS2 | 7606 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| USS Carl Vinson CVN 70, 20993 ACDU | 0 | 1 | AS2 | 7606 | |
| | 0 | 4 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 5 | | | |
| USS Constellation CV 64, 03364 ACDU | 0 | 1 | AS2 | 7606 | |
| | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| USS Kitty Hawk CV 63, 03363 ACDU | 0 | 3 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| USS Nimitz CVN 68, 03368 ACDU | 0 | 3 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| FLEET SUPPORT ACTIVITIES - USMC | | | | | |
| Blount Island Command, 32264 USMC | 0 | 1 | GYSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| Flag and Staff Allow, U.S. Atlantic Fleet and NAVFAC, 00000 USMC | 0 | 1 | GYSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|---|----------|-----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| H&HS MCAS Beaufort, 60169 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | GYSGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| MALS-14, 09114 | | | | | |
| USMC | 0 | 4 | CPL | 6072 | |
| | 0 | 3 | GYSGT | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 11 | | | |
| MALS-31, 09131 | | | | | |
| USMC | 0 | 4 | CPL | 6072 | |
| | 0 | 3 | GYSGT | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 11 | | | |
| MALS-42 (RW), 09513 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| AR | 0 | 1 | SSGT | 6072 | |
| SMCR | 0 | 2 | GYSGT | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 5 | SGT | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 10 | | | |
| Marine Aviation Det, Patuxent River, 67356 | | | | | |
| USMC | 0 | 1 | GYSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| MAW HQ, 00000 | | | | | |
| USMC | 0 | 1 | GYSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|---|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| MC PERS Det of Navy Non-Dept, 00000, USMC | 0 | 1 | GYSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| Personnel Management Div MM, 00000 USMC | 0 | 1 | GYSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| H&HS MCAS Futenma, 63026 USMC | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| H&HS MCAS Iwakuni, 62613 USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | GYSGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |
| H&HS MCAS Miramar, 52817 USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| H&HS MCAS Yuma, 62974 USMC | 0 | 2 | CPL | 6072 | |
| | 0 | 4 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 7 | | | |
| MALS-11, 09111 USMC | 0 | 4 | CPL | 6072 | |
| | 0 | 3 | GYSGT | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 11 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETTS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|----------|-----------|------------------|---------------|---------------|
| | OFF | ENL | | | |
| MALS-12, 09112 | | | | | |
| USMC | 0 | 4 | CPL | 6072 | |
| | 0 | 3 | GYSGT | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 11 | | | |
| MALS-13, 55585 | | | | | |
| USMC | 0 | 4 | CPL | 6072 | |
| | 0 | 3 | GYSGT | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 11 | | | |
| MALS-41 (FW), 67239 | | | | | |
| USMC | 0 | 2 | LCPL | 6072 | |
| AR | 0 | 1 | CPL | 6072 | |
| SMCR | 0 | 3 | CPL | 6072 | |
| | 0 | 3 | GYSGT | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 11 | | | |
| MALS-24 (-) (RW), 31947 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | GYSGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| MCAGCC, MWSS Augment, 29 Palms (MALS-11), 67724 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| MCAGCC, MWSS Augment, 29 Palms (MALS-13), 67724 | | | | | |
| USMC | 0 | 1 | SSGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETTS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|---|----------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| MCAGCC, MWSS Augment, 29 Palms (MALS-16), 67724 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| MCAGCC, MWSS Augment, 29 Palms (MALS-39), 67724 | | | | | |
| USMC | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 2 | | | |
| MWSS 374 (-) (REIN), 67724 | | | | | |
| USMC | 0 | 1 | CPL | 6072 | |
| | 0 | 1 | GYSGT | 6072 | |
| | 0 | 1 | LCPL | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 4 | | | |
| Site Support, Fort Worth, 48041 | | | | | |
| AR | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| Mountain Warfare Training Center, Training Com., 64495 | | | | | |
| AR | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| MATSG-21, 67389 | | | | | |
| USMC | 0 | 4 | GYSGT | 6072 | |
| | 0 | 4 | SSGT | 6072 | |
| | 0 | 4 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|--|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| NAMTRAGRU MARCOR Personnel, 45595 | | | | | |
| USMC | 0 | 3 | GYSGT | 6072 | |
| | 0 | 2 | SSGT | 6072 | |
| | 0 | 20 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 25 | | | |
| NAMTRA MARUNIT, New River, 52842 | | | | | |
| USMC | 0 | 2 | SSGT | 6072 | |
| | 0 | 1 | SGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |

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

| DESIG/ RATING | PNEC/SNEC PMOS/SMOS | PFYs | | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|-------------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| USMC OPERATIONAL ACTIVITIES - USMC | | | | | | | | | | | | | |
| CPL | 6072 | | 80 | | 1 | | 1 | | 1 | | 1 | | 1 |
| GYSGT | 6072 | | 8 | | 0 | | 0 | | 0 | | 0 | | 0 |
| LCPL | 6072 | | 215 | | 1 | | 1 | | 1 | | 1 | | 1 |
| SGT | 6072 | | 81 | | 0 | | 0 | | 0 | | 0 | | 0 |
| SSGT | 6072 | | 45 | | 1 | | 1 | | 1 | | 1 | | 1 |
| USMC OPERATIONAL ACTIVITIES - AR | | | | | | | | | | | | | |
| CPL | 6072 | | 9 | | 0 | | 0 | | 0 | | 0 | | 0 |
| LCPL | 6072 | | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| SGT | 6072 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| USMC OPERATIONAL ACTIVITIES - SMCR | | | | | | | | | | | | | |
| CPL | 6072 | | 5 | | 0 | | 0 | | 0 | | 0 | | 0 |
| GYSGT | 6072 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| LCPL | 6072 | | 8 | | 3 | | 0 | | 0 | | 0 | | 0 |
| SGT | 6072 | | 7 | | 0 | | 0 | | 0 | | 0 | | 0 |
| SSGT | 6072 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| USN FLEET SUPPORT ACTIVITIES - ACDU | | | | | | | | | | | | | |
| AS1 | 7606 | | 10 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS1 | 7606 | 7222 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS1 | 7606 | 7616 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS1 | 7609 | 7606 | 3 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7606 | | 42 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7606 | 7222 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7606 | 7607 | 6 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7606 | 7614 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7614 | 7606 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7616 | 7606 | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7606 | | 68 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7606 | 7607 | 5 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7607 | 7606 | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7616 | 7606 | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| ASAN | 7606 | | 13 | | 0 | | 1 | | 0 | | 0 | | 0 |
| ASAN | 7606 | 7614 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| USN FLEET SUPPORT ACTIVITIES - TAR | | | | | | | | | | | | | |
| AS1 | 7606 | | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS1 | 7606 | 7222 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS1 | 7606 | 7609 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7606 | | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7606 | | 5 | | 1 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7606 | 7601 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |

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

| DESIG/ RATING | PNEC/SNEC PMOS/SMOS | | PFYs | | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|---------------------------------------|------------------------|------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| USN FLEET SUPPORT ACTIVITIES - SELRES | | | | | | | | | | | | | | |
| AS1 | 7606 | 7609 | | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7606 | | | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS2 | 7606 | 7607 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7606 | | | 7 | | 0 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7606 | 7607 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| USMC FLEET SUPPORT ACTIVITIES - USMC | | | | | | | | | | | | | | |
| CPL | 6072 | | | 28 | | 0 | | 0 | | 0 | | 0 | | 0 |
| GYSGT | 6072 | | | 34 | | 0 | | 0 | | 0 | | 0 | | 0 |
| LCPL | 6072 | | | 26 | | 0 | | 0 | | 0 | | 0 | | 0 |
| SGT | 6072 | | | 11 | | 0 | | 0 | | 0 | | 0 | | 0 |
| SSGT | 6072 | | | 32 | | 0 | | 0 | | 0 | | 0 | | 0 |
| USMC FLEET SUPPORT ACTIVITIES - AR | | | | | | | | | | | | | | |
| CPL | 6072 | | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |
| SSGT | 6072 | | | 3 | | 0 | | 0 | | 0 | | 0 | | 0 |
| USMC FLEET SUPPORT ACTIVITIES - SMCR | | | | | | | | | | | | | | |
| CPL | 6072 | | | 3 | | 0 | | 0 | | 0 | | 0 | | 0 |
| GYSGT | 6072 | | | 5 | | 0 | | 0 | | 0 | | 0 | | 0 |
| LCPL | 6072 | | | 2 | | 0 | | 0 | | 0 | | 0 | | 0 |
| SGT | 6072 | | | 5 | | 0 | | 0 | | 0 | | 0 | | 0 |
| SSGT | 6072 | | | 3 | | 0 | | 0 | | 0 | | 0 | | 0 |

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

| DESIG/ RATING | PNEC/SNEC PMOS/SMOS | PFYs | | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|---------------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| SUMMARY TOTALS: | | | | | | | | | | | | | |
| USMC OPERATIONAL ACTIVITIES - USMC | | | | | | | | | | | | | |
| | 423 | | | 3 | | 3 | | 3 | | 3 | | 3 | |
| USMC OPERATIONAL ACTIVITIES - AR | | | | | | | | | | | | | |
| | 12 | | | 0 | | 0 | | 0 | | 0 | | 0 | |
| USMC OPERATIONAL ACTIVITIES - SMCR | | | | | | | | | | | | | |
| | 22 | | | 3 | | 0 | | 0 | | 0 | | 0 | |
| USN FLEET SUPPORT ACTIVITIES - ACDU | | | | | | | | | | | | | |
| | 159 | | | 1 | | 0 | | 0 | | 0 | | 0 | |
| USN FLEET SUPPORT ACTIVITIES - TAR | | | | | | | | | | | | | |
| | 12 | | | 1 | | 0 | | 0 | | 0 | | 0 | |
| USN FLEET SUPPORT ACTIVITIES - SELRES | | | | | | | | | | | | | |
| | 13 | | | 0 | | 0 | | 0 | | 0 | | 0 | |
| USMC FLEET SUPPORT ACTIVITIES - USMC | | | | | | | | | | | | | |
| | 131 | | | 0 | | 0 | | 0 | | 0 | | 0 | |
| USMC FLEET SUPPORT ACTIVITIES - AR | | | | | | | | | | | | | |
| | 4 | | | 0 | | 0 | | 0 | | 0 | | 0 | |
| USMC FLEET SUPPORT ACTIVITIES - SMCR | | | | | | | | | | | | | |
| | 18 | | | 0 | | 0 | | 0 | | 0 | | 0 | |

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

| DESIG/ RATING | PNEC/SNEC PMOS/SMOS | PFYs | | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|----------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| GRAND TOTALS: | | | | | | | | | | | | | |
| USMC - USMC | | | 554 | | 3 | | 3 | | 3 | | 3 | | 3 |
| USMC - AR | | | 16 | | 0 | | 0 | | 0 | | 0 | | 0 |
| USMC - SMCR | | | 40 | | 3 | | 0 | | 0 | | 0 | | 0 |
| USN - ACDU | | | 159 | | 1 | | 0 | | 0 | | 0 | | 0 |
| USN - TAR | | | 12 | | 1 | | 0 | | 0 | | 0 | | 0 |
| USN - SELRES | | | 13 | | 0 | | 0 | | 0 | | 0 | | 0 |

II.A.2.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY DEACTIVATION SCHEDULE

SOURCE: Total Force Manpower Management System
 Extract from Table of Manpower Requirements, TFS, MCCDC

DATE: November 2002
 November 2002

| ACTIVITY, UIC | PFYs | CFY03 | FY04 | FY05 | FY06 | FY07 |
|---------------------------------------|-------------|--------------|-------------|-------------|-------------|-------------|
| OPERATIONAL ACTIVITIES - USMC | | | | | | |
| HMM (CH-46E) (East) | 00000 | 0 | 0 | 1 | 0 | 1 |
| HMM (CH-46E) (West) | 00000 | 0 | 1 | 0 | 1 | 0 |
| TOTAL: | | 0 | 1 | 1 | 1 | 1 |
| FLEET SUPPORT ACTIVITIES - USN | | | | | | |
| USS Constellation CV 64 | 03364 | 0 | 1 | 0 | 0 | 0 |
| TOTAL: | | 0 | 1 | 0 | 0 | 0 |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|---|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| OPERATIONAL ACTIVITIES - USMC | | | | | |
| HMM (CH-46E) (East), 00000, FY04 Increment | | | | | |
| USMC | 0 | 3 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| HMM (CH-46E) (East), 00000, FY06 Increment | | | | | |
| USMC | 0 | 3 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 12 | | | |
| VMFA-142, 08966, FY03 Increment | | | | | |
| AR | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| HMM (CH-46E) (West), 00000, FY03 Increment | | | | | |
| USMC | 0 | 3 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| HMM (CH-46E) (West), 00000, FY05 Increment | | | | | |
| USMC | 0 | 3 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| HMM (CH-46E) (West), 00000, FY07 Increment | | | | | |
| USMC | 0 | 3 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| HMM (CH-46E) (West), 00000, FY09 Increment | | | | | |
| USMC | 0 | 3 | CPL | 6072 | |
| | 0 | 2 | LCPL | 6072 | |
| | 0 | 1 | SSGT | 6072 | |
| ACTIVITY TOTAL: | 0 | 24 | | | |
| VMFA-112, 08954, FY03 Increment | | | | | |
| AR | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |

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

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS | | DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS |
|---|---------|-----|------------------|---------------|---------------|
| | OFF | ENL | | | |
| VMFA-134, 09365, FY03 Increment | | | | | |
| AR | 0 | 1 | LCPL | 6072 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| FLEET SUPPORT ACTIVITIES - USN | | | | | |
| NAS New Orleans RAIMD, 44490, FY03 Increment | | | | | |
| TAR | 0 | 1 | AS1 | 7606 | |
| ACTIVITY TOTAL: | 0 | 1 | | | |
| USS Constellation CV 64, 03364, FY03 Increment | | | | | |
| ACDU | 0 | 1 | AS2 | 7606 | |
| | 0 | 2 | AS3 | 7606 | |
| ACTIVITY TOTAL: | 0 | 3 | | | |

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

| DESIG/ RATING | PNEC/SNEC PMOS/SMOS | PFYs | | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|-------------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| USMC OPERATIONAL ACTIVITIES - USMC | | | | | | | | | | | | | |
| CPL | 6072 | | 42 | | -3 | | -3 | | -3 | | -3 | | -3 |
| LCPL | 6072 | | 28 | | -2 | | -2 | | -2 | | -2 | | -2 |
| SSGT | 6072 | | 14 | | -1 | | -1 | | -1 | | -1 | | -1 |
| USMC OPERATIONAL ACTIVITIES - AR | | | | | | | | | | | | | |
| LCPL | 6072 | | 0 | | -3 | | 0 | | 0 | | 0 | | 0 |
| USN FLEET SUPPORT ACTIVITIES - ACDU | | | | | | | | | | | | | |
| AS2 | 7606 | | 1 | | -1 | | 0 | | 0 | | 0 | | 0 |
| AS3 | 7606 | | 2 | | -2 | | 0 | | 0 | | 0 | | 0 |
| USN FLEET SUPPORT ACTIVITIES - TAR | | | | | | | | | | | | | |
| AS1 | 7606 | | 0 | | -1 | | 0 | | 0 | | 0 | | 0 |
| SUMMARY TOTALS: | | | | | | | | | | | | | |
| USMC OPERATIONAL ACTIVITIES - USMC | | | | | | | | | | | | | |
| | | | 84 | | -6 | | -6 | | -6 | | -6 | | -6 |
| USMC OPERATIONAL ACTIVITIES - AR | | | | | | | | | | | | | |
| | | | 0 | | -3 | | 0 | | 0 | | 0 | | 0 |
| USN FLEET SUPPORT ACTIVITIES - ACDU | | | | | | | | | | | | | |
| | | | 3 | | -3 | | 0 | | 0 | | 0 | | 0 |
| USN FLEET SUPPORT ACTIVITIES - TAR | | | | | | | | | | | | | |
| | | | 0 | | -1 | | 0 | | 0 | | 0 | | 0 |
| GRAND TOTALS: | | | | | | | | | | | | | |
| USN - ACDU | | | | | | | | | | | | | |
| | | | 3 | | -3 | | 0 | | 0 | | 0 | | 0 |
| USN - TAR | | | | | | | | | | | | | |
| | | | 0 | | -1 | | 0 | | 0 | | 0 | | 0 |
| USMC - USMC | | | | | | | | | | | | | |
| | | | 84 | | -6 | | -6 | | -6 | | -6 | | -6 |
| USMC - AR | | | | | | | | | | | | | |
| | | | 0 | | -3 | | 0 | | 0 | | 0 | | 0 |

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

| DESIG/ RATING | PNEC/ PMOS/SMOS | SNEC/ SMOS | BILLET | | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|------------------|--------------------|---------------|--------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |

TRAINING ACTIVITY, LOCATION, UIC: MTU 3032 NAMTRAU Jacksonville, 39469

INSTRUCTOR BILLETS

| | | | | | | | | | | | | | | |
|---------------|------|------|---|---|---|---|---|---|---|---|---|---|---|---|
| USN | | | | | | | | | | | | | | |
| AS1 | 7606 | 9502 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS2 | 7606 | 9502 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| TOTAL: | | | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |

TRAINING ACTIVITY, LOCATION, UIC: MTU 3033 NAMTRAU North Island, 39476

INSTRUCTOR BILLETS

| | | | | | | | | | | | | | | |
|---------------|------|------|---|---|---|---|---|---|---|---|---|---|---|---|
| USN | | | | | | | | | | | | | | |
| AS1 | 7606 | 9502 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS2 | 7606 | 9502 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| TOTAL: | | | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

| ACTIVITY, LOCATION, UIC | USN/ USMC | PFYs | | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|--------------------------------------|--------------|------|------|-------|------|------|------|------|------|------|------|------|------|
| | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| MTU 3032 NAMTRAU Jacksonville, 39469 | | | | | | | | | | | | | |
| | USN | 0.0 | 5.1 | 0.0 | 5.3 | 0.0 | 5.5 | 0.0 | 5.3 | 0.0 | 5.4 | 0.0 | 5.4 |
| | USMC | 0.0 | 20.2 | 0.0 | 20.5 | 0.0 | 20.8 | 0.0 | 20.5 | 0.0 | 20.8 | 0.0 | 20.8 |
| MTU 3033 NAMTRAU North Island, 39476 | | | | | | | | | | | | | |
| | USN | 0.0 | 3.3 | 0.0 | 3.3 | 0.0 | 3.3 | 0.0 | 3.3 | 0.0 | 3.3 | 0.0 | 3.3 |
| | USMC | 0.0 | 21.7 | 0.0 | 21.7 | 0.0 | 21.4 | 0.0 | 20.8 | 0.0 | 20.8 | 0.0 | 20.5 |
| SUMMARY TOTALS: | | | | | | | | | | | | | |
| | USN | 0.0 | 8.4 | 0.0 | 8.6 | 0.0 | 8.8 | 0.0 | 8.6 | 0.0 | 8.7 | 0.0 | 8.7 |
| | USMC | 0.0 | 41.9 | 0.0 | 42.2 | 0.0 | 42.2 | 0.0 | 41.3 | 0.0 | 41.6 | 0.0 | 41.3 |
| GRAND TOTALS: | | | | | | | | | | | | | |
| | | 0.0 | 50.3 | 0.0 | 50.8 | 0.0 | 51.0 | 0.0 | 49.9 | 0.0 | 50.3 | 0.0 | 50.0 |

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS | BILLET BASE | CFY03 +/- CUM | FY04 +/- CUM | FY05 +/- CUM | FY06 +/- CUM | FY07 +/- CUM |
|------------------|---------------|---------------|----------------|------------------|-----------------|-----------------|-----------------|-----------------|
|------------------|---------------|---------------|----------------|------------------|-----------------|-----------------|-----------------|-----------------|

a. OFFICER - USN Not Applicable

b. ENLISTED - USN

Fleet Support Billets ACDU and TAR

| | | | | | | | | | | | | | |
|------|------|------|----|----|----|---|----|---|----|---|----|---|----|
| AS1 | 7606 | | 12 | -1 | 11 | 0 | 11 | 0 | 11 | 0 | 11 | 0 | 11 |
| AS1 | 7606 | 7222 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| AS1 | 7606 | 7609 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS1 | 7606 | 7616 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS1 | 7609 | 7606 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
| AS2 | 7606 | | 44 | -1 | 43 | 0 | 43 | 0 | 43 | 0 | 43 | 0 | 43 |
| AS2 | 7606 | 7222 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS2 | 7606 | 7607 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 |
| AS2 | 7606 | 7614 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS2 | 7614 | 7606 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS2 | 7616 | 7606 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| AS3 | 7606 | | 76 | -1 | 75 | 0 | 75 | 0 | 75 | 0 | 75 | 0 | 75 |
| AS3 | 7606 | 7601 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS3 | 7606 | 7607 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 |
| AS3 | 7607 | 7606 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| AS3 | 7616 | 7606 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| ASAN | 7606 | | 13 | 0 | 13 | 1 | 14 | 0 | 14 | 0 | 14 | 0 | 14 |
| ASAN | 7606 | 7614 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

Staff Billets ACDU and TAR

| | | | | | | | | | | | | | |
|-----|------|------|---|---|---|---|---|---|---|---|---|---|---|
| AS1 | 7606 | 9502 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| AS2 | 7606 | 9502 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |

Chargeable Student Billets ACDU and TAR

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

SELRES Billets

| | | | | | | | | | | | | | |
|-----|------|------|---|---|---|---|---|---|---|---|---|---|---|
| AS1 | 7606 | 7609 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| AS2 | 7606 | | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| AS2 | 7606 | 7607 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AS3 | 7606 | | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 |
| AS3 | 7606 | 7607 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

TOTAL USN ENLISTED BILLETS:

| | | | | | | | | | | | | | |
|---------------|--|--|-----|----|-----|---|-----|---|-----|---|-----|---|-----|
| Fleet Support | | | 174 | -3 | 171 | 1 | 172 | 0 | 172 | 0 | 172 | 0 | 172 |
|---------------|--|--|-----|----|-----|---|-----|---|-----|---|-----|---|-----|

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS | BILLET BASE | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|--------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | | | +/- | CUM | +/- | CUM | +/- | CUM | +/- | CUM | +/- | CUM |
| Staff | | | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 |
| Chargeable Student | | | 9 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 9 |
| SELRES | | | 13 | 0 | 13 | 0 | 13 | 0 | 13 | 0 | 13 | 0 | 13 |

c. OFFICER - USMC Not Applicable

d. ENLISTED - USMC

Operational Billets USMC and AR

| | | | | | | | | | | | | |
|-------|------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|
| CPL | 6072 | 89 | -2 | 87 | -2 | 85 | -2 | 83 | -2 | 81 | -2 | 79 |
| GYSGT | 6072 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 |
| LCPL | 6072 | 217 | 1 | 218 | 1 | 219 | 1 | 220 | 1 | 221 | 1 | 222 |
| SGT | 6072 | 82 | 0 | 82 | 0 | 82 | 0 | 82 | 0 | 82 | 0 | 82 |
| SSGT | 6072 | 45 | 1 | 46 | 1 | 47 | 1 | 48 | 1 | 49 | 1 | 50 |

Fleet Support Billets USMC and AR

| | | | | | | | | | | | | |
|-------|------|----|---|----|---|----|---|----|---|----|---|----|
| CPL | 6072 | 29 | 0 | 29 | 0 | 2 | 0 | 29 | 0 | 29 | 0 | 29 |
| GYSGT | 6072 | 34 | 0 | 34 | 0 | 34 | 0 | 34 | 0 | 34 | 0 | 34 |
| LCPL | 6072 | 26 | 0 | 26 | 0 | 26 | 0 | 26 | 0 | 26 | 0 | 26 |
| SGT | 6072 | 11 | 0 | 11 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 |
| SSGT | 6072 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 |

Chargeable Student Billets USMC and AR

| | | | | | | | | | | | | |
|--|--|----|---|----|---|----|----|----|---|----|---|----|
| | | 42 | 1 | 43 | 0 | 43 | -1 | 42 | 0 | 42 | 0 | 42 |
|--|--|----|---|----|---|----|----|----|---|----|---|----|

SMCR Billets

| | | | | | | | | | | | | |
|-------|------|---|---|---|---|---|---|---|---|---|---|---|
| CPL | 6072 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
| GYSGT | 6072 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 |
| LCPL | 6072 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| SGT | 6072 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 |
| SSGT | 6072 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/ RATING | PNEC/ PMOS | SNEC/ SMOS | BILLET BASE | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|-------------------------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | | | +/- | CUM | +/- | CUM | +/- | CUM | +/- | CUM | +/- | CUM |
| TOTAL USMC ENLISTED BILLETS: | | | | | | | | | | | | | |
| Operational | | | 441 | 0 | 441 | 0 | 459 | 0 | 441 | 0 | 441 | 0 | 441 |
| Fleet Support | | | 132 | 0 | 132 | 0 | 132 | 0 | 132 | 0 | 132 | 0 | 132 |
| Chargeable Student | | | 42 | 1 | 43 | 0 | 43 | -1 | 42 | 0 | 42 | 0 | 42 |
| SMCR | | | 18 | 0 | 18 | 0 | 18 | 0 | 18 | 0 | 18 | 0 | 18 |

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-602-7005, Support Equipment Gas Turbine Intermediate Maintenance
COURSE LENGTH: 7.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.15

| TRAINING ACTIVITY | SOURCE | ACDU/TAR SELRES | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|-------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| MTU 3032 NAMTRAU Jacksonville | | | | | | | | | | | | |
| | USN | ACDU | | 36 | | 38 | | 36 | | 37 | | 37 |
| | | TAR | | 4 | | 4 | | 4 | | 4 | | 4 |
| | | SELRES | | 1 | | 1 | | 1 | | 1 | | 1 |
| | | TOTAL: | | 41 | | 43 | | 41 | | 42 | | 42 |

CIN, COURSE TITLE: E-602-7005, Support Equipment Gas Turbine Intermediate Maintenance
COURSE LENGTH: 7.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.15

| TRAINING ACTIVITY | SOURCE | ACDU/TAR SELRES | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|-------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| MTU 3033 NAMTRAU North Island | | | | | | | | | | | | |
| | USN | ACDU | | 24 | | 24 | | 24 | | 24 | | 24 |
| | | TAR | | 1 | | 1 | | 1 | | 1 | | 1 |
| | | SELRES | | 0 | | 1 | | 0 | | 1 | | 0 |
| | | TOTAL: | | 25 | | 26 | | 25 | | 26 | | 25 |

CIN, COURSE TITLE: D-602-7040, Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance
COURSE LENGTH: 15.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.31

| TRAINING ACTIVITY | SOURCE | ACDU/TAR SELRES | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|-------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| MTU 3032 NAMTRAU Jacksonville | | | | | | | | | | | | |
| | USMC | USMC | | 68 | | 69 | | 68 | | 69 | | 69 |
| | | AR | | 2 | | 2 | | 2 | | 2 | | 2 |
| | | SMCR | | 2 | | 2 | | 2 | | 2 | | 2 |
| | | TOTAL: | | 72 | | 73 | | 72 | | 73 | | 73 |

CIN, COURSE TITLE: E-602-7040, Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance
COURSE LENGTH: 15.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.31

| TRAINING ACTIVITY | SOURCE | ACDU/TAR SELRES | CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | |
|-------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
| | | | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL |
| MTU 3033 NAMTRAU North Island | | | | | | | | | | | | |
| | USMC | USMC | | 72 | | 71 | | 70 | | 70 | | 69 |
| | | AR | | 2 | | 2 | | 1 | | 1 | | 1 |
| | | SMCR | | 1 | | 2 | | 2 | | 2 | | 2 |
| | | TOTAL: | | 75 | | 75 | | 73 | | 73 | | 72 |

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the MSU 200NAV and, therefore, are not included in Part III of this NTSP:

II.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

Note: A new intermediate level maintenance training course will be established for the MSU 200NAV. The new course, C-602-3XXX, *MSU 200NAV Engine and Enclosure Intermediate Maintenance Course*, will be included in the following training tracks:

- D/E-602-7005, Support Equipment Gas Turbine Intermediate Maintenance
- D/E-602-7040, Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance

Upon fleet introduction, the MSU 200NAV maintenance course, C-602-3XXX, will replace the GTC-85 course C-602-3211A in training tracks D/E-602-7005 and D/E-602-7040. The GTC-85 course will remain active as a stand-alone course for 24 months while the GTC-85s are retired from service. The RFT date for the new MSU 200NAV intermediate level, maintenance training course is planned for February 2005.

PART III - TRAINING REQUIREMENTS

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: MSU 200NAV Air Start Unit Engine and Enclosure Intermediate Maintenance
COURSE DEVELOPER: Hamilton Sundstrand
COURSE INSTRUCTOR: Hamilton Sundstrand
COURSE LENGTH: 3 days (estimated)
ACTIVITY DESTINATION: AIMD, NAMTRAU

| LOCATION, UIC | DATE BEGIN | STUDENTS | | | CIV | |
|-----------------------|---------------|----------|-----|---|-----|------------|
| | | OFF | ENL | | | |
| Government Facilities | 00000 | 10/7/02 | 0 | 6 | 0 | INPUT |
| | | | 0 | 0 | | AOB |
| | | | 0 | 0 | | CHARGEABLE |

COURSE TITLE: MSU 200NAV Air Start Unit Engine and Enclosure Intermediate Maintenance
COURSE DEVELOPER: Hamilton Sundstrand
COURSE INSTRUCTOR: Hamilton Sundstrand
COURSE LENGTH: 3 days (estimated)
ACTIVITY DESTINATION: NATEC

| LOCATION, UIC | DATE BEGIN | STUDENTS | | | CIV | |
|-----------------------|---------------|----------|-----|---|-----|------------|
| | | OFF | ENL | | | |
| Government Facilities | 00000 | 12/2/03 | 0 | 0 | 4 | INPUT |
| | | | 0 | 0 | | AOB |
| | | | 0 | 0 | | CHARGEABLE |

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-602-7005, Support Equipment Gas Turbine Intermediate Maintenance
TRAINING ACTIVITY: MTU 3032 NAMTRAU
LOCATION, UIC: NAS Jacksonville, 39469

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

| CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | | |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | |
| | 40 | | 42 | | 40 | | 41 | | 41 | ATIR |
| | 36 | | 38 | | 36 | | 37 | | 37 | Output |
| | 5.3 | | 5.5 | | 5.3 | | 5.4 | | 5.4 | AOB |
| | 5.3 | | 5.5 | | 5.3 | | 5.4 | | 5.4 | Chargeable |

SOURCE: USN **STUDENT CATEGORY:** SELRES

| CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | | |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | |
| | 1 | | 1 | | 1 | | 1 | | 1 | ATIR |
| | 1 | | 1 | | 1 | | 1 | | 1 | Output |
| | 0.1 | | 0.1 | | 0.1 | | 0.1 | | 0.1 | AOB |
| | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | Chargeable |

CIN, COURSE TITLE: E-602-7005, Support Equipment Gas Turbine Intermediate Maintenance
TRAINING ACTIVITY: MTU 3033 NAMTRAU
LOCATION, UIC: NAS North Island, 39476

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

| CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | | |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | |
| | 25 | | 25 | | 25 | | 25 | | 25 | ATIR |
| | 23 | | 23 | | 23 | | 23 | | 23 | Output |
| | 3.3 | | 3.3 | | 3.3 | | 3.3 | | 3.3 | AOB |
| | 3.3 | | 3.3 | | 3.3 | | 3.3 | | 3.3 | Chargeable |

SOURCE: USN **STUDENT CATEGORY:** SELRES

| CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | | |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | |
| | 0 | | 1 | | 0 | | 1 | | 0 | ATIR |
| | 0 | | 1 | | 0 | | 1 | | 0 | Output |
| | 0.0 | | 0.1 | | 0.0 | | 0.1 | | 0.0 | AOB |
| | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | Chargeable |

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-602-7040, Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance
TRAINING ACTIVITY: MTU 3032 NAMTRAU
LOCATION, UIC: NAS Jacksonville, 39469

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

| CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | | |
|-------|------|------|------|------|------|------|------|------|------|------------|
| OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | |
| | 70 | | 71 | | 70 | | 71 | | 71 | ATIR |
| | 70 | | 71 | | 70 | | 71 | | 71 | Output |
| | 20.5 | | 20.8 | | 20.5 | | 20.8 | | 20.8 | AOB |
| | 20.5 | | 20.8 | | 20.5 | | 20.8 | | 20.8 | Chargeable |

SOURCE: USMC **STUDENT CATEGORY:** SMCR

| CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | | |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | |
| | 2 | | 2 | | 2 | | 2 | | 2 | ATIR |
| | 2 | | 2 | | 2 | | 2 | | 2 | Output |
| | 0.6 | | 0.6 | | 0.6 | | 0.6 | | 0.6 | AOB |
| | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | Chargeable |

CIN, COURSE TITLE: E-602-7040, Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance
TRAINING ACTIVITY: MTU 3033 NAMTRAU
LOCATION, UIC: NAS North Island, 39476

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

| CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | | |
|-------|------|------|------|------|------|------|------|------|------|------------|
| OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | |
| | 74 | | 73 | | 71 | | 71 | | 70 | ATIR |
| | 74 | | 73 | | 71 | | 71 | | 70 | Output |
| | 21.7 | | 21.4 | | 20.8 | | 20.8 | | 20.5 | AOB |
| | 21.7 | | 21.4 | | 20.8 | | 20.8 | | 20.5 | Chargeable |

SOURCE: USMC **STUDENT CATEGORY:** SMCR

| CFY03 | | FY04 | | FY05 | | FY06 | | FY07 | | |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | OFF | ENL | |
| | 1 | | 2 | | 2 | | 2 | | 2 | ATIR |
| | 1 | | 2 | | 2 | | 2 | | 2 | Output |
| | 0.3 | | 0.6 | | 0.6 | | 0.6 | | 0.6 | AOB |
| | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | Chargeable |

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the MSU 200NAV, and, therefore, are not included in Part IV of this NTSP:

IV.C. Facility Requirements

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

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

IV.C.3. Facility Project Summary by Program

IV.A. TRAINING HARDWARE

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

CIN, COURSE TITLE: C-602-3211, GTC-85 -72 Engine and Enclosures Intermediate Maintenance Course (Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC: NAS Jacksonville, 39469

| ITEM NO. | EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS | QTY REQD | DATE REQD | GFE CFE | STATUS |
|--------------|---|----------|-----------|---------|---------|
| TTE | | | | | |
| 001 | Tractor, Aircraft Tow, A/S32A-31A | 2 | Jun 89 | GFE | Onboard |
| 002 | Jet Air Start Unit, 1369AS100-1 | 1 | Jun 89 | GFE | Onboard |
| 003 | Gas Turbine Engine, 376880 | 3 | Jun 89 | GFE | Onboard |
| 004 | Relay, Electromagnetic, 692148 | 1 | Jun 89 | GFE | Onboard |
| 005 | Relay, Electromagnetic, AN3308-2 | 1 | Jun 89 | GFE | Onboard |
| 006 | Trailer, Air Start, 1203AS100-1 | 3 | Jun 89 | GFE | Onboard |
| 007 | Cart, Handling, Gas Turbine Engine, 1147AS900-1 | 1 | Jun 89 | GFE | Onboard |
| 008 | Thermostat, Flow Control, 107996 | 4 | Jun 89 | GFE | Onboard |
| 010 | Enclosure, Gas Turbine, 370690-1 | 2 | Jun 89 | GFE | Onboard |
| ST | | | | | |
| 001 | Wrench, Torque, TE12A | 1 | Jun 89 | GFE | Onboard |
| 001 | Cabinet, Tool, Mobile, KR656 | 1 | Jun 89 | GFE | Onboard |
| 002 | Caliper, Micrometer, Outside, T230RX | 1 | Jun 89 | GFE | Onboard |
| 003 | Tool Box, Portable, KRA62C | 1 | Jun 89 | GFE | Onboard |
| 004 | Adapter, Stand, Maintenance, 281326 | 2 | Jun 89 | GFE | Onboard |
| 005 | Adapter, Stand, Maintenance, 281327 | 2 | Jun 89 | GFE | Onboard |
| 013 | Sealer-Tool Banding, C001 | 1 | Jun 89 | GFE | Onboard |
| 014 | Nut, Plain, Hexagon, C040 | 1 | Jun 89 | GFE | Onboard |
| 015 | Torque Wrench Inch Pound, A-A-2411 | 1 | Jun 89 | GFE | Onboard |
| 089 | Tool Box, 3033-10 | 1 | Jun 89 | GFE | Onboard |
| 090 | Tool Box, 3033-11 | 1 | Jun 89 | GFE | Onboard |
| GPETE | | | | | |
| 002 | Cable Assembly, Electrical, 281115 | 1 | Jun 89 | GFE | Onboard |
| 003 | Multimeter, 77/BN | 2 | Jun 89 | GFE | Onboard |
| 005 | Analyzer, Gas Turbine, 281069 | 1 | Jun 89 | GFE | Onboard |

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

CIN, COURSE TITLE: C-602-3212, GTCP-100-82 Engine and Enclosures Intermediate Maintenance Course
(Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC: NAS Jacksonville 39469

| ITEM NO. | EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS | QTY REQD | DATE REQD | GFE CFE | STATUS |
|-----------------|---|-----------------|------------------|----------------|---------------|
| TTE | | | | | |
| 0011 | Thermostat, 129672-1 | 4 | Sep 95 | GFE | Onboard |
| 0012 | Pneumatic Shutoff Valve, 122238-1-1 | 2 | Sep 95 | GFE | Onboard |
| 0013 | Modulating and Shut-Off Valve, 379017-7 | 2 | Sep 95 | GFE | Onboard |
| 0014 | Fuel Control Assembly, 3609070-1 | 2 | Sep 95 | GFE | Onboard |
| 0015 | Atomizer Assembly, 693105 | 4 | Sep 95 | GFE | Onboard |
| 0016 | Shut-Off and Drain Solenoid Valve Assembly, 3609063-1 | 2 | Sep 95 | GFE | Onboard |
| 0017 | Rotary Oil Pump, 373880-6 | 2 | Sep 95 | GFE | Onboard |
| 0018 | Electrical Starter, 692356-3 | 2 | Sep 95 | GFE | Onboard |
| 0019 | Multiple Centrifugal, 3601090-3 | 2 | Sep 95 | GFE | Onboard |
| 0020 | Valve, Shut-Off, 320362-2 | 2 | Sep 95 | GFE | Onboard |
| 0021 | Relay Chassis Assembly, 64A90F160 | 2 | Sep 95 | GFE | Onboard |
| 0022 | Blow-down Valve Assembly, 1386AS225-1 | 2 | Sep 95 | GFE | Onboard |
| 0023 | Oil Cooler Assembly, 1100AS236-1 | 2 | Sep 95 | GFE | Onboard |
| 0024 | Heat Exchanger, 179310-2-1 | 2 | Sep 95 | GFE | Onboard |
| 0025 | 5:1 Shut-Off Valve, 12222586-1 | 2 | Sep 95 | GFE | Onboard |
| 0026 | 3.6:1 Shut-Off Valve, 392234-1 | 2 | Sep 95 | GFE | Onboard |
| 0027 | Pump and Motor Assembly, GC1000BA-26 | 2 | Sep 95 | GFE | Onboard |
| 0028 | Relay Assembly Control, 375040 | 2 | Sep 95 | GFE | Onboard |
| 0029 | Ignition Unit, 694012 | 2 | Sep 95 | GFE | Onboard |
| 0030 | Switch Assembly Oil Pressure, 75427-1 | 2 | Sep 95 | GFE | Onboard |
| 0031 | Switch Assembly Pressure, 377384 | 2 | Sep 95 | GFE | Onboard |
| 0032 | Pneumatic Starter Duct Assembly, 5SE00932-1 | 2 | Sep 95 | GFE | Onboard |
| 0033 | Coupling Half, Quick Disconnect, MS17834 | 4 | Sep 95 | GFE | Onboard |
| 0034 | Adapter, Straight, MS17835 | 4 | Sep 95 | GFE | Onboard |
| 0035 | Coupling Half, 7950-93-1 | 4 | Sep 95 | GFE | Onboard |
| 0036 | Adapter, Straight, MS17833 | 4 | Sep 95 | GFE | Onboard |
| 0037 | Ring, Handling, MS14271 | 4 | Sep 95 | GFE | Onboard |
| 0038 | Duct, Air, M22706-D-30 | 4 | Sep 95 | GFE | Onboard |
| 0039 | Scuff, Cover, M22706-S-30 | 4 | Sep 95 | GFE | Onboard |
| 040 | Adapter, Hoisting Engine, 281269 | 2 | Sep 95 | GFE | Onboard |
| 041 | Mount, Gas Turbine Engine, 281264 | 2 | Sep 95 | GFE | Onboard |
| 042 | Mount, Gas Turbine, 281265 | 2 | Sep 95 | GFE | Onboard |
| 043 | Stand, Maintenance, 1147AS900-1 | 2 | Sep 95 | GFE | Onboard |
| 044 | Jet Aircraft Start Unit, 1386AS100-1 | 2 | Sep 95 | GFE | Onboard |
| 045 | Jet Air Start Unit, 1100AS100-4 | 2 | Sep 95 | GFE | Onboard |
| 046 | Aircraft Towing Tractor, 3337AS100-1 | 2 | Sep 95 | GFE | Onboard |
| 047 | Engine, Gas Turbine, 380214-1 | 5 | Sep 95 | GFE | Onboard |
| ST | | | | | |
| 0002 | Pneumatic Duct Banding Tool, C001 | 4 | Sep 95 | GFE | Onboard |
| 0003 | Pneumatic Duct Banding NUT, C040 | 4 | Sep 95 | GFE | Onboard |
| 0004 | Torque Wrench Inch Pound, A-A-2411 | 4 | Sep 95 | GFE | Onboard |
| 0033 | Brush Battery Terminal, 1052SP | 2 | Sep 95 | GFE | Onboard |

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

| | | | | | |
|------|---|---|--------|-----|---------|
| 0034 | Pliers, Needle Nose, 94ACP | 4 | May 99 | GFE | Onboard |
| 0035 | Pliers, HL112P | 4 | Sep 95 | GFE | Onboard |
| 0036 | Wrench, Set Hex, AW1020K | 2 | Sep 95 | GFE | Onboard |
| 0037 | Wrench Set Socket 3/8 Inch Drive, 213-SFS | 2 | Sep 95 | GFE | Onboard |
| 0038 | Hammer, Ball-peen 12 ounce, BP12B | 2 | Sep 95 | GFE | Onboard |
| 0039 | Screwdriver Set Cross-tip, SDDZ50 | 2 | Sep 95 | GFE | Onboard |
| 0040 | Mallet, Rawhide 40 ounce, GGG-H-33 | 2 | Sep 95 | GFE | Onboard |
| 0041 | Hacksaw, HS8A | 2 | Sep 95 | GFE | Onboard |
| 0042 | Screw Extractor Set, XX10 | 2 | Sep 95 | GFE | Onboard |
| 0043 | Scriber, Machinist, 2975 | 4 | Sep 95 | GFE | Onboard |
| 0044 | Gun, Grease, 1142 | 2 | Sep 95 | GFE | Onboard |
| 0045 | Battery Filler, W-B-177 | 2 | Sep 95 | GFE | Onboard |
| 0046 | Flash Light, MIL-F-3747 | 2 | Sep 95 | GFE | Onboard |
| 0047 | Retriever Magnetic, PT28D | 2 | Sep 95 | GFE | Onboard |
| 0048 | Mallet, Rubber, BF620 | 2 | Sep 95 | GFE | Onboard |
| 0049 | Screwdriver Set, SDDX80 | 2 | Sep 95 | GFE | Onboard |
| 0050 | Socket Set 1/4 Inch Drive, 134TMPB | 2 | Sep 95 | GFE | Onboard |
| 0051 | Socket Set 3/8 Inch Drive, 218FPB | 2 | Sep 95 | GFE | Onboard |
| 0052 | Wrench Set Combo Standard Length, OEX714K | 2 | Sep 95 | GFE | Onboard |
| 0053 | Gauge, Thickness, FB325A | 2 | Sep 95 | GFE | Onboard |
| 0054 | Chisel, Set, PPC715A | 2 | Sep 95 | GFE | Onboard |
| 0055 | Pliers, Slip Joint, 46CP | 4 | Sep 95 | GFE | Onboard |
| 0056 | Wire Stripper, Crimper, 1E | 2 | Sep 95 | GFE | Onboard |
| 0057 | Wrench Set Combo Short, OES709K | 2 | Sep 95 | GFE | Onboard |
| 0058 | Vise Grip Pliers, VP10R | 4 | Sep 95 | GFE | Onboard |
| 0059 | Soft Face Mallet, BH232 | 2 | Sep 95 | GFE | Onboard |
| 0060 | Mirror Inspection, CF143A | 2 | Sep 95 | GFE | Onboard |
| 061 | Tool Box, Mobile, KR656 | 2 | Sep 95 | GFE | Onboard |
| 062 | Tool Box, Mobile, KRA62C | 2 | Sep 95 | GFE | Onboard |

GPETE

| | | | | | |
|------|----------------------------|---|--------|-----|---------|
| 0001 | Multimeter, 77/BN | 4 | Sep 95 | GFE | Onboard |
| 0005 | Gage, Test 0-60 PSI, 1084P | 4 | Sep 95 | GFE | Onboard |

CIN, COURSE TITLE: C-602-3XXX, MSU 200NAV Engine Enclosure Intermediate Maintenance (Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC: NAS Jacksonville, 39469

| ITEM NO. | EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS | QTY REQD | DATE REQD | GFE CFE | STATUS |
|-------------|--|----------|-----------|---------|---------|
| TTE | | | | | |
| 01 | Unit MSU 200NAV (Sea Version) | 1 | May 04 | GFE | Pending |
| 02 | MSU 200NAV (Shore Version) | 1 | Nov 03 | GFE | Pending |
| 03 | Aircraft Towing Tractor, 3337AS100-1 | 2 | Mar 03 | GFE | Pending |
| 04 | All other TTE To Be Determined (TBD) pending development of MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |
| GPTE | | | | | |
| 01 | All GPTE To Be Determined (TBD) pending development of MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |

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

SPTE

| | | | | | |
|----|---|-----|--------|-----|---------|
| 05 | All other SPTE To Be Determined (TBD) pending development of MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |
|----|---|-----|--------|-----|---------|

ST

| | | | | | |
|----|---|-----|--------|-----|---------|
| 02 | Pneumatic Duct Banding Tool, C001 | 4 | Feb 04 | GFE | Pending |
| 03 | Pneumatic Duct Banding Nut, C040 | 4 | Feb 04 | GFE | Pending |
| 04 | Torque Wrench Inch Pound, A-A-2411 | 4 | Feb 04 | GFE | Pending |
| 05 | All other ST To Be Determined (TBD) pending development of the MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |

GPETE

| | | | | | |
|----|---|-----|--------|-----|---------|
| 01 | Multimeter, 87/BN | 4 | Feb 04 | GFE | Pending |
| 02 | All other GPETE To Be Determined (TBD) pending development of MSU200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |

SPETE

| | | | | | |
|----|--|-----|--------|-----|---------|
| 01 | All SPETE To Be Determined (TBD) pending development of MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |
|----|--|-----|--------|-----|---------|

CIN, COURSE TITLE: C-602-3211, GTC-85 -72 Engine and Enclosures Intermediate Maintenance Course (Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC: NAS North Island, 39476

| ITEM NO. | EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS | QTY REQD | DATE REQD | GFE CFE | STATUS |
|-----------------|--|-----------------|------------------|----------------|---------------|
| TTE | | | | | |
| 001 | Tractor, Aircraft Tow, A/S32A-31A | 2 | Jun 89 | GFE | Onboard |
| 002 | Jet Air Start Unit, 1369AS100-1 | 1 | Jun 89 | GFE | Onboard |
| 003 | Gas Turbine Engine, 376880 | 3 | Jun 89 | GFE | Onboard |
| 004 | Relay, Electromagnetic, 692148 | 1 | Jun 89 | GFE | Onboard |
| 005 | Relay, Electromagnetic, AN3308-2 | 1 | Jun 89 | GFE | Onboard |
| 006 | Trailer, Air Start, 1203AS100-1 | 3 | Jun 89 | GFE | Onboard |
| 007 | Cart, Handling, Gas Turbine Engine, 1147AS900-1 | 1 | Jun 89 | GFE | Onboard |
| 008 | Thermostat, Flow Control, 107996 | 4 | Jun 89 | GFE | Onboard |
| 010 | Enclosure, Gas Turbine, 370690-1 | 2 | Jun 89 | GFE | Onboard |
| ST | | | | | |
| 001 | Wrench, Torque, TE12A | 1 | Jun 89 | GFE | Onboard |
| 001 | Cabinet, Tool, Mobile, KR656 | 1 | Jun 89 | GFE | Onboard |
| 002 | Caliper, Micrometer, Outside, T230RX | 1 | Jun 89 | GFE | Onboard |
| 003 | Tool Box, Portable, KRA62C | 1 | Jun 89 | GFE | Onboard |
| 004 | Adapter, Stand, Maintenance, 281326 | 2 | Jun 89 | GFE | Onboard |
| 005 | Adapter, Stand, Maintenance, 281327 | 2 | Jun 89 | GFE | Onboard |
| 013 | Sealer-Tool Banding, C001 | 1 | Jun 89 | GFE | Onboard |
| 014 | Nut, Plain, Hexagon, C040 | 1 | Jun 89 | GFE | Onboard |
| 015 | Torque Wrench Inch Pound, A-A-2411 | 1 | Jun 89 | GFE | Onboard |
| 089 | Tool Box, 3033-10 | 1 | Jun 89 | GFE | Onboard |
| 090 | Tool Box, 3033-11 | 1 | Jun 89 | GFE | Onboard |

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

GPETE

| | | | | | |
|-----|------------------------------------|---|--------|-----|---------|
| 002 | Cable Assembly, Electrical, 281115 | 1 | Jun 89 | GFE | Onboard |
| 003 | Multimeter, 77/BN | 2 | Jun 89 | GFE | Onboard |
| 005 | Analyzer, Gas Turbine, 281069 | 1 | Jun 89 | GFE | Onboard |

CIN, COURSE TITLE: C-602-3212, GTCP-100-82 Engine and Enclosures Intermediate Maintenance Course
(Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC: NAS North Island, 39476

| ITEM NO. | EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS | QTY REQD | DATE REQD | GFE CFE | STATUS |
|-----------------|---|-----------------|------------------|----------------|---------------|
| TTE | | | | | |
| 0011 | Thermostat, 129672-1 | 4 | Sep 95 | GFE | Onboard |
| 0012 | Pneumatic Shutoff Valve, 122238-1-1 | 2 | Sep 95 | GFE | Onboard |
| 0013 | Modulating and Shut-Off Valve, 379017-7 | 2 | Sep 95 | GFE | Onboard |
| 0014 | Fuel Control Assembly, 3609070-1 | 2 | Sep 95 | GFE | Onboard |
| 0015 | Atomizer Assembly, 693105 | 4 | Sep 95 | GFE | Onboard |
| 0016 | Shut-Off and Drain Solenoid Valve Assembly, 3609063-1 | 2 | Sep 95 | GFE | Onboard |
| 0017 | Rotary Oil Pump, 373880-6 | 2 | Sep 95 | GFE | Onboard |
| 0018 | Electrical Starter, 692356-3 | 2 | Sep 95 | GFE | Onboard |
| 0019 | Multiple Centrifugal, 3601090-3 | 2 | Sep 95 | GFE | Onboard |
| 0020 | Valve, Shut-Off, 320362-2 | 2 | Sep 95 | GFE | Onboard |
| 0021 | Relay Chassis Assembly, 64A90F160 | 2 | Sep 95 | GFE | Onboard |
| 0022 | Blow-down Valve Assembly, 1386AS225-1 | 2 | Sep 95 | GFE | Onboard |
| 0023 | Oil Cooler Assembly, 1100AS236-1 | 2 | Sep 95 | GFE | Onboard |
| 0024 | Heat Exchanger, 179310-2-1 | 2 | Sep 95 | GFE | Onboard |
| 0025 | 5:1 Shut-Off Valve, 12222586-1 | 2 | Sep 95 | GFE | Onboard |
| 0026 | 3.6:1 Shut-Off Valve, 392234-1 | 2 | Sep 95 | GFE | Onboard |
| 0027 | Pump and Motor Assembly, GC1000BA-26 | 2 | Sep 95 | GFE | Onboard |
| 0028 | Relay Assembly Control, 375040 | 2 | Sep 95 | GFE | Onboard |
| 0029 | Ignition Unit, 694012 | 2 | Sep 95 | GFE | Onboard |
| 0030 | Switch Assembly Oil Pressure, 75427-1 | 2 | Sep 95 | GFE | Onboard |
| 0031 | Switch Assembly Pressure, 377384 | 2 | Sep 95 | GFE | Onboard |
| 0032 | Pneumatic Starter Duct Assembly, 5SE00932-1 | 2 | Sep 95 | GFE | Onboard |
| 0033 | Coupling Half, Quick Disconnect, MS17834 | 4 | Sep 95 | GFE | Onboard |
| 0034 | Adapter, Straight, MS17835 | 4 | Sep 95 | GFE | Onboard |
| 0035 | Coupling Half, 7950-93-1 | 4 | Sep 95 | GFE | Onboard |
| 0036 | Adapter, Straight, MS17833 | 4 | Sep 95 | GFE | Onboard |
| 0037 | Ring, Handling, MS14271 | 4 | Sep 95 | GFE | Onboard |
| 0038 | Duct, Air, M22706-D-30 | 4 | Sep 95 | GFE | Onboard |
| 0039 | Scuff, Cover, M22706-S-30 | 4 | Sep 95 | GFE | Onboard |
| 040 | Adapter, Hoisting Engine, 281269 | 2 | Sep 95 | GFE | Onboard |
| 041 | Mount, Gas Turbine Engine, 281264 | 2 | Sep 95 | GFE | Onboard |
| 042 | Mount, Gas Turbine, 281265 | 2 | Sep 95 | GFE | Onboard |
| 043 | Stand, Maintenance, 1147AS900-1 | 2 | Sep 95 | GFE | Onboard |
| 044 | Jet Aircraft Start Unit, 1386AS100-1 | 2 | Sep 95 | GFE | Onboard |
| 045 | Jet Air Start Unit, 1100AS100-4 | 2 | Sep 95 | GFE | Onboard |
| 046 | Aircraft Towing Tractor, 3337AS100-1 | 2 | Sep 95 | GFE | Onboard |
| 047 | Engine, Gas Turbine, 380214-1 | 5 | Sep 95 | GFE | Onboard |

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

ST

| | | | | | |
|------|---|---|--------|-----|---------|
| 0002 | Pneumatic Duct Banding Tool, C001 | 4 | Sep 95 | GFE | Onboard |
| 0003 | Pneumatic Duct Banding Nut, C040 | 4 | Sep 95 | GFE | Onboard |
| 0004 | Torque Wrench Inch Pound, A-A-2411 | 4 | Sep 95 | GFE | Onboard |
| 0033 | Brush Battery Terminal, 1052SP | 2 | Sep 95 | GFE | Onboard |
| 0034 | Pliers, Needle Nose, 94ACP | 4 | May 99 | GFE | Onboard |
| 0035 | Pliers, HL112P | 4 | Sep 95 | GFE | Onboard |
| 0036 | Wrench, Set Hex, AW1020K | 2 | Sep 95 | GFE | Onboard |
| 0037 | Wrench Set Socket 3/8 Inch Drive, 213-SFS | 2 | Sep 95 | GFE | Onboard |
| 0038 | Hammer, Ball-peen 12 ounce, BP12B | 2 | Sep 95 | GFE | Onboard |
| 0039 | Screwdriver Set Cross-tip, SDDZ50 | 2 | Sep 95 | GFE | Onboard |
| 0040 | Mallet, Rawhide 40 ounce, GGG-H-33 | 2 | Sep 95 | GFE | Onboard |
| 0041 | Hacksaw, HS8A | 2 | Sep 95 | GFE | Onboard |
| 0042 | Screw Extractor Set, XX10 | 2 | Sep 95 | GFE | Onboard |
| 0043 | Scriber, Machinist, 2975 | 4 | Sep 95 | GFE | Onboard |
| 0044 | Gun, Grease, 1142 | 2 | Sep 95 | GFE | Onboard |
| 0045 | Battery Filler, W-B-177 | 2 | Sep 95 | GFE | Onboard |
| 0046 | Flash Light, MIL-F-3747 | 2 | Sep 95 | GFE | Onboard |
| 0047 | Retriever Magnetic, PT28D | 2 | Sep 95 | GFE | Onboard |
| 0048 | Mallet, Rubber, BF620 | 2 | Sep 95 | GFE | Onboard |
| 0049 | Screwdriver Set, SDDX80 | 2 | Sep 95 | GFE | Onboard |
| 0050 | Socket Set 1/4 Inch Drive, 134TMPB | 2 | Sep 95 | GFE | Onboard |
| 0051 | Socket Set 3/8 Inch Drive, 218FPB | 2 | Sep 95 | GFE | Onboard |
| 0052 | Wrench Set Combo Standard Length, OEX714K | 2 | Sep 95 | GFE | Onboard |
| 0053 | Gauge, Thickness, FB325A | 2 | Sep 95 | GFE | Onboard |
| 0054 | Chisel, Set, PPC715A | 2 | Sep 95 | GFE | Onboard |
| 0055 | Pliers, Slip Joint, 46CP | 4 | Sep 95 | GFE | Onboard |
| 0056 | Wire Stripper, Crimper, 1E | 2 | Sep 95 | GFE | Onboard |
| 0057 | Wrench Set Combo Short, OES709K | 2 | Sep 95 | GFE | Onboard |
| 0058 | Vise Grip Pliers, VP10R | 4 | Sep 95 | GFE | Onboard |
| 0059 | Soft Face Mallet, BH232 | 2 | Sep 95 | GFE | Onboard |
| 0060 | Mirror Inspection, CF143A | 2 | Sep 95 | GFE | Onboard |
| 061 | Tool Box, Mobile, KR656 | 2 | Sep 95 | GFE | Onboard |
| 062 | Tool Box, Mobile, KRA62C | 2 | Sep 95 | GFE | Onboard |

GPETE

| | | | | | |
|------|----------------------------|---|--------|-----|---------|
| 0001 | Multimeter, 77/BN | 4 | Sep 95 | GFE | Onboard |
| 0005 | Gage, Test 0-60 PSI, 1084P | 4 | Sep 95 | GFE | Onboard |

CIN, COURSE TITLE: C-602-3XXX, MSU 200NAV Engine Enclosure Intermediate Maintenance (Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC: NAS North Island, 39476

| ITEM NO. | EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS | QTY REQD | DATE REQD | GFE CFE | STATUS |
|-----------------|--|-----------------|------------------|----------------|---------------|
| TTE | | | | | |
| 01 | Unit MSU 200NAV (Sea Version) | 1 | May 04 | GFE | Pending |
| 02 | MSU 200NAV (Shore Version) | 1 | Nov 03 | GFE | Pending |
| 03 | Aircraft Towing Tractor, 3337AS100-1 | 2 | Mar 03 | GFE | Pending |
| 04 | All other TTE To Be Determined (TBD) pending development of MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |

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

GPTE

| | | | | | |
|----|---|-----|--------|-----|---------|
| 01 | All GPTE To Be Determined (TBD) pending development of MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |
|----|---|-----|--------|-----|---------|

SPTE

| | | | | | |
|----|---|-----|--------|-----|---------|
| 05 | All SPTE To Be Determined (TBD) pending development of MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |
|----|---|-----|--------|-----|---------|

ST

| | | | | | |
|----|---|-----|--------|-----|---------|
| 02 | Pneumatic Duct Banding Tool, C001 | 4 | Feb 04 | GFE | Pending |
| 03 | Pneumatic Duct Banding Nut, C040 | 4 | Feb 04 | GFE | Pending |
| 04 | Torque Wrench Inch Pound, A-A-2411 | 4 | Feb 04 | GFE | Pending |
| 05 | All other ST To Be Determined (TBD) pending development of the MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |

GPETE

| | | | | | |
|----|---|-----|--------|-----|---------|
| 01 | Multimeter, 87/BN | 4 | Feb 04 | GFE | Pending |
| 02 | All other GPETE To Be Determined (TBD) pending development of MSU200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |

SPETE

| | | | | | |
|----|--|-----|--------|-----|---------|
| 01 | All SPETE To Be Determined (TBD) pending development of MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | GFE | Pending |
|----|--|-----|--------|-----|---------|

IV.A.2. TRAINING DEVICES

DEVICE: Engine GTC 85-72 (Cutaway)
DESCRIPTION: This item is a GTC-85-72 engine disassembled. It is used as show and tell of internal components in the classroom. (This is not a Cutaway).

MANUFACTURER: P/N 376880A
CONTRACT NUMBER: Unknown
TEE STATUS: Not Required

TRAINING ACTIVITY: MTU 3032 NAMTRAU
LOCATION, UIC : NAS Jacksonville, 39469

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| 1 | Jun 89 | Jun 89 | Onboard | C-602-3211 (Track D-602-7005 and D-602-7040) |

TRAINING ACTIVITY: MTU 3033 NAMTRAU
LOCATION, UIC : NAS North Island, 39476

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| 1 | Jun 89 | Jun 89 | Onboard | C-602-3211 (Track E-602-7005 and E-602-7040) |

DEVICE: Engine, GTCP-100-82 Cutaway
DESCRIPTION: The GTCP-100-82 Cutaway is the complete Gas Turbine Engine with sections cut out of its enclosure to reveal the internal components of the unit. The cutaway identifies with color code the air flow, fuel flow, and oil flow passages through the engine. This model is used to demonstrate the internal function of the engine and accessories to the student.

MANUFACTURER: Local
CONTRACT NUMBER: Unknown
TEE STATUS: Not required

TRAINING ACTIVITY: MTU 3032 NAMTRAU
LOCATION, UIC : NAS Jacksonville, 39469

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| 2 | Sep 95 | Sep 95 | Onboard | C-602-3212 (Track D-602-7005 and D-602-7040) |

TRAINING ACTIVITY: MTU 3033 NAMTRAU
LOCATION, UIC : NAS North Island, 39476

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| 2 | Sep 95 | Sep 95 | Onboard | C-602-3212 (Track E-602-7005 and E-602-7040) |

IV.A.2. TRAINING DEVICES

DEVICE: GTC-85 Cutaway
DESCRIPTION: The GTC-85 Cutaway is the complete Gas Turbine Engine with sections cut out of its enclosure to reveal the internal components of the unit. The cutaway identifies with color code the air flow, fuel flow, and oil flow passages through the engine. This model is used to demonstrate the internal function of the engine and accessories to the student.

MANUFACTURER: P/N 376400A
CONTRACT NUMBER: Unknown
TEE STATUS: Not Required

TRAINING ACTIVITY: MTU 3032 NAMTRAU
LOCATION, UIC : NAS Jacksonville, 39469

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| 1 | Jun 89 | Jun 89 | Onboard | C-602-3211 (Track D-602-7005 and D-602-7040) |

TRAINING ACTIVITY: MTU 3033 NAMTRAU
LOCATION, UIC : NAS North Island, 39476

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| 1 | Jun 89 | Jun 89 | Onboard | C-602-3211 (Track E-602-7005 and E-602-7040) |

DEVICE: Pump and Control
DESCRIPTION: This is the actual Fuel Control for the GTC-85-72 Engine. It is used to demonstrate disassembly and adjustment of the pneumatic and centrifugal governor to the student.

MANUFACTURER: P/N 371688-37
CONTRACT NUMBER: Unknown
TEE STATUS: Not Required

TRAINING ACTIVITY: MTU 3032 NAMTRAU
LOCATION, UIC : NAS Jacksonville, 39469

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| 4 | Jun 89 | Jun 89 | Onboard | C-602-3211 (Track D-602-7005 and D-602-7040) |

TRAINING ACTIVITY: MTU 3033 NAMTRAU
LOCATION, UIC : NAS North Island, 39476

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| 1 | Jun 89 | Jun 89 | Onboard | C-602-3211 (Track E-602-7005 and E-602-7040) |

IV.A.2. TRAINING DEVICES

DEVICE: Engine MSU 200NAV (Cutaway)
DESCRIPTION: This is planned to be a model mock-up of the complete MSU 200NAV Gas Turbine Engine with sections cut out of its enclosure to reveal the internal components of the unit. The cutaway will identify with color code the air flow, fuel flow, and oil flow passages through the engine. This model will be used to demonstrate the internal function of the engine and accessories to the student.

Note: A viable alternative to the cutaway model would be to use a three dimensional, computer aided graphic that dissects the engine and shows the various flow circuits through the engine. This method of instruction is currently being used in various courses throughout Naval aviation maintenance training. Graphics created for use in NAMTRA courses must meet standards specified in AMTCS Conventions and Standards in accordance with the Navy Training System Plan N88-NTSP-A-50-9907/D of June 2001.

MANUFACTURER: TBD
CONTRACT NUMBER: TBD
TEE STATUS: Pending

TRAINING ACTIVITY: MTU 3032 NAMTRAU
LOCATION, UIC : NAS Jacksonville, 39469

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| TBD | Feb 04 | Feb 05 | Pending | C-602-3XXX (Track D-602-7005 and D-602-7040) |

TRAINING ACTIVITY: MTU 3033 NAMTRAU
LOCATION, UIC : NAS North Island, 39476

| QTY | DATE | RFT | | COURSES |
|------|--------|--------|---------|--|
| REQD | REQD | DATE | STATUS | SUPPORTED |
| TBD | Feb 04 | Feb 05 | Pending | C-602-3XXX (Track E-602-7005 and E-602-7040) |

IV.B COURSEWARE REQUIREMENTS

IV.B.1. TRAINING SERVICES

| COURSE/TYPE OF TRAINING | SCHOOL LOCATION, UIC | NO. OF PERSONNEL | MAN WEEKS REQUIRED | DATE BEGIN |
|---|----------------------------------|-----------------------------|-------------------------------|-----------------------|
| MSU 200NAV Air Start Unit Engine and Enclosure Intermediate Maintenance | Government Facilities NAS TBD | 6 | 0.6 | Dec 03 |
| MSU 200NAV Air Start Unit Engine and Enclosure Intermediate Maintenance | Government Facilities NAS TBD | 4 | 0.6 | Dec 03 |

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-602-3211, GTC-85 -72 Engine and Enclosures Intermediate Maintenance Course
(Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC: NAS Jacksonville, 39469

| TYPES OF MATERIAL OR AID | QTY REQD | DATE REQD | STATUS |
|---|-------------|--------------|---------|
| Trainee Guide C-602-3211A | 13 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5001, OPNAV 4790/51 | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5002, OPNAV 4790/52 | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5003, OPNAV 4790/29 | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5004, Gas Turbine Engine | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5005, Electrical Wiring Schematic | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5006, Instrument Panel | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5007, Electrical System Operation | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA110-5001, Air Flow Operation | 1 | Jun 89 | Onboard |
| Transparency Gtc85-48KA120-5001, Turbine Air Flow Operation | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA130-5001, Accessory Housing | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA140-5001, Fuel System Operation | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA140-5002, Fuel Control Unit | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA150-5001, Dual Orifice Atomizer | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA170-5001, Lubrication System | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA170-5002, Oil Pump Assembly | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA180-5001, Thermostatic Temperature Control Valve | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1GO-5001, Oil Pressure Switch | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1HO-5001, Temperature Indicator System | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1KO-5001, Differential Pressure Regulator | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1MO-5001, Acceleration Over-Temperature Thermostat | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1NO-5001, Unloading Air Shutoff Valve | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1NO-5002, Bleed Air System Operation | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1PO-5001, Acceleration Stabilizer Solenoid Valve | 1 | Jun 89 | Onboard |
| Introductory Automated Electronic Classroom (IAEC) P/N 943XXX-XXXX-XX | 1 | FY03 | Pending |

CIN, COURSE TITLE: C-602-3212, GTCP-100-82 Engine and Enclosures Intermediate Maintenance Course
(Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC: NAS Jacksonville, 39469

| TYPES OF MATERIAL OR AID | QTY REQD | DATE REQD | STATUS |
|---|-------------|--------------|---------|
| Trainee Guide C-602-3212A | 13 | Sep 95 | Onboard |
| Transparency C-602-3212 5001, SE Preoperational Record | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5001, Jet Aircraft Air Start Unit A/M47A-4 | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5002, Upper and Lower Control Panel Assemblies | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5003, Relay and Chassis Assembly | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5004, DC Enclosure Assembly | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5005, Shutoff Valve 5:1 | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5006, Pressure Regulator Shutoff Valve 3.6:1 | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5007, A/M47A-4 16ACO 5007, A/M47A-4 Pneumatic | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5008, AC Enclosure Assembly | 1 | Sep 95 | Onboard |
| Transparency A/S47A-1 16AAO 5001, GTE (GTCP-100) Tractor Mounted Enclosure | 1 | Sep 95 | Onboard |
| Transparency A/S47A-1 16AAO 5002, Enclosure Components | 1 | Sep 95 | Onboard |
| Transparency A/S47A-1 16AAO 5003, Control Panel | 1 | Sep 95 | Onboard |
| Transparency C-602-3212 5002, SE Custody and Maintenance History Record PG. 1 | 1 | Sep 95 | Onboard |

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

| | | | |
|---|---|--------|---------|
| Transparency C-602-3212 5003, SE Custody and Maintenance History Record PG. 2 | 1 | Sep 95 | Onboard |
| Transparency C-602-3212 5004, SE Custody and Maintenance History Record PG. 3 | 1 | Sep 95 | Onboard |
| Transparency C-602-3212 5005, The Bernoulli Principle | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5001, Main Engine Sections | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5002, External Component Location (Front View) | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5003, Compressor Section | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5004, Engine Air Flow Schematic | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5005, Gas Turbine Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5006, Turbine Wheel Rotating Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5007, Radial Nozzle Rotating and Support Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5008, Oil Pressure Switch | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5009, Genotor Positive Displacement Oil Pump | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5010, Lubrication System Flow Diagram | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5011, Fuel Shutoff Drain Solenoid Valve Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5012, Fuel Atomizer Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5013, Pneumatic Thermostat | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5014, Inspection of Combustion Liner Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5015, Combustion Chamber | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5016, Fuel System Flow Diagram | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5017, Temperature Indicating System | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5018, Centrifugal Switch Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5019, Hydro-pneumatic Load Control Valve Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5020, Pneumatic Starter Duct Assembly | 1 | Sep 95 | Onboard |
| Wall Chart A/M47A-4 16ACO 5009, A/M47A-4 Jet Aircraft Start Unit Electrical Schematic | 1 | Sep 95 | Onboard |
| Wall Chart A/M47A-4 16ACO 5010, A/M47A-4 Jet Aircraft Start Unit Electrical Schematic | 1 | Sep 95 | Onboard |
| Wall Chart A/M47A-4 16ACO 5011, A/M47A-4 Jet Aircraft Start Unit Electrical Schematic | 1 | Sep 95 | Onboard |
| Wall Chart A/S47A-1 16AAO 5004, A/S47A-1 Enclosure Electrical Schematic | 1 | Sep 95 | Onboard |
| Wall Chart GTCP-100 48KA400 5021, GTCP-100-82 Electrical Wiring Diagram | 1 | Sep 95 | Onboard |
| Introductory Automated Electronic Classroom (IAEC) P/N 943XXX-XXXX-XX | 1 | FY03 | Pending |

CIN, COURSE TITLE: C-602-3XXX, MSU 200NAV Engine Enclosure Intermediate Maintenance (Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC: NAS Jacksonville, 39469

| TYPES OF MATERIAL OR AID | QTY REQD | DATE REQD | STATUS |
|--|----------|-----------|---------|
| To Be Determined (TBD) pending the development of the MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | Pending |

CIN, COURSE TITLE: C-602-3211, GTC-85 -72 Engine and Enclosures Intermediate Maintenance Course (Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC: NAS North Island, 39476

| TYPES OF MATERIAL OR AID | QTY REQD | DATE REQD | STATUS |
|--|----------|-----------|---------|
| Trainee Guide C-602-3211A | 13 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5001, OPNAV 4790/51 | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5002, OPNAV 4790/52 | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5003, OPNAV 4790/29 | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5004, Gas Turbine Engine | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5005, Electrical Wiring Schematic | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5006, Instrument Panel | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA100-5007, Electrical System Operation | 1 | Jun 89 | Onboard |

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

| | | | |
|---|---|--------|---------|
| Transparency GTC85-48KA110-5001, Air Flow Operation | 1 | Jun 89 | Onboard |
| Transparency Gtc85-48KA120-5001, Turbine Air Flow Operation | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA130-5001, Accessory Housing | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA140-5001, Fuel System Operation | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA140-5002, Fuel Control Unit | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA150-5001, Dual Orifice Atomizer | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA170-5001, Lubrication System | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA170-5002, Oil Pump Assembly | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA180-5001, Thermostatic Temperature Control Valve | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1GO-5001, Oil Pressure Switch | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1HO-5001, Temperature Indicator System | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1KO-5001, Differential Pressure Regulator | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1MO-5001, Acceleration Over-Temperature Thermostat | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1NO-5001, Unloading Air Shutoff Valve | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1NO-5002, Bleed Air System Operation | 1 | Jun 89 | Onboard |
| Transparency GTC85-48KA1PO-5001, Acceleration Stabilizer Solenoid Valve | 1 | Jun 89 | Onboard |
| Introductory Automated Electronic Classroom (IAEC) P/N 943XXX-XXXX-XX | 1 | FY03 | Pending |

CIN, COURSE TITLE: C-602-3212, GTCP-100-82 Engine and Enclosures Intermediate Maintenance Course
(Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC: NAS North Island, 39476

| TYPES OF MATERIAL OR AID | QTY REQD | DATE REQD | STATUS |
|---|-------------|--------------|---------|
| Trainee Guide C-602-3212A | 13 | Sep 95 | Onboard |
| Transparency C-602-3212 5001, SE Preoperational Record | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5001, Jet Aircraft Air Start Unit A/M47A-4 | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5002, Upper and Lower Control Panel Assemblies | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5003, Relay and Chassis Assembly | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5004, DC Enclosure Assembly | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5005, Shutoff Valve 5:1 | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5006, Pressure Regulator Shutoff Valve 3.6:1 | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5007, A/M47A-4 16ACO 5007, A/M47A-4 Pneumatic | 1 | Sep 95 | Onboard |
| Transparency A/M47A-4 16ACO 5008, AC Enclosure Assembly | 1 | Sep 95 | Onboard |
| Transparency A/S47A-1 16AAO 5001, GTE (GTCP-100) Tractor Mounted Enclosure | 1 | Sep 95 | Onboard |
| Transparency A/S47A-1 16AAO 5002, Enclosure Components | 1 | Sep 95 | Onboard |
| Transparency A/S47A-1 16AAO 5003, Control Panel | 1 | Sep 95 | Onboard |
| Transparency C-602-3212 5002, SE Custody and Maintenance History Record PG. 1 | 1 | Sep 95 | Onboard |
| Transparency C-602-3212 5003, SE Custody and Maintenance History Record PG. 2 | 1 | Sep 95 | Onboard |
| Transparency C-602-3212 5004, SE Custody and Maintenance History Record PG. 3 | 1 | Sep 95 | Onboard |
| Transparency C-602-3212 5005, The Bernoulli Principle | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5001, Main Engine Sections | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5002, External Component Location (Front View) | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5003, Compressor Section | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5004, Engine Air Flow Schematic | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5005, Gas Turbine Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5006, Turbine Wheel Rotating Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5007, Radial Nozzle Rotating and Support Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5008, Oil Pressure Switch | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5009, Genotor Positive Displacement Oil Pump | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5010, Lubrication System Flow Diagram | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5011, Fuel Shutoff Drain Solenoid Valve Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5012, Fuel Atomizer Assembly | 1 | Sep 95 | Onboard |

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

| | | | |
|--|---|--------|---------|
| Transparency GTCP-100 48KA400 5013, Pneumatic Thermostat | 1 | Sep 95 | Onboard |
|--|---|--------|---------|

| | | | |
|---|---|--------|---------|
| Transparency GTCP-100 48KA400 5014, Inspection of Combustion Liner Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5015, Combustion Chamber | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5016, Fuel System Flow Diagram | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5017, Temperature Indicating System | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5018, Centrifugal Switch Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5019, Hydro-pneumatic Load Control Valve Assembly | 1 | Sep 95 | Onboard |
| Transparency GTCP-100 48KA400 5020, Pneumatic Starter Duct Assembly | 1 | Sep 95 | Onboard |
| Wall Chart A/M47A-4 16ACO 5009, A/M47A-4 Jet Aircraft Start Unit Electrical Schematic | 1 | Sep 95 | Onboard |
| Wall Chart A/M47A-4 16ACO 5010, A/M47A-4 Jet Aircraft Start Unit Electrical Schematic | 1 | Sep 95 | Onboard |
| Wall Chart A/M47A-4 16ACO 5011, A/M47A-4 Jet Aircraft Start Unit Electrical Schematic | 1 | Sep 95 | Onboard |
| Wall Chart A/S47A-1 16AAO 5004, A/S47A-1 Enclosure Electrical Schematic | 1 | Sep 95 | Onboard |
| Wall Chart GTCP-100 48KA400 5021, GTCP-100-82 Electrical Wiring Diagram | 1 | Sep 95 | Onboard |
| Introductory Automated Electronic Classroom (IAEC) P/N 943XXX-XXXX-XX | 1 | FY03 | Pending |

CIN, COURSE TITLE: C-602-3XXX, MSU 200NAV Engine Enclosure Intermediate Maintenance (Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC: NAS North Island, 39476

| TYPES OF MATERIAL OR AID | QTY REQD | DATE REQD | STATUS |
|--|----------|-----------|---------|
| To Be Determined (TBD) pending the development of the MSU 200NAV Maintenance Manual in February 2004 | TBD | Feb 04 | Pending |

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-602-3211, GTC-85 -72 Engine and Enclosures Intermediate Maintenance Course
(Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC : NAS Jacksonville, 39469

| TECHNICAL MANUAL NUMBER / TITLE | MEDIUM | QTY REQD | DATE REQD | STATUS |
|---|---------------|-----------------|------------------|---------------|
| NAVAIR 00-80T-96 U.S. Navy Support Equipment, Common, Basic Handling Safety Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 03-105BC-31 Illustrated Parts Breakdown, Pneumatic Power Gas Turbine Engine | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 15-01-500 Technical Manual, Organizational, Intermediate and Depot Maintenance, Preservation of Naval Aircraft | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 16-1-8.1 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 16-1-8.2 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 16-1-8.3 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 17-1-125 Technical Manual, Maintenance Instructions, Organizational and Intermediate, Ground Support Equipment Cleaning and Corrosion Control | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-105B-12 Technical Manual, Operation and Maintenance Instruction, Organizational, Intermediate, Pneumatic Power Gas Turbine Engine | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-105B-49 Technical Manual, Operation and Maintenance Instruction with IPB, Organizational, Intermediate and Depot, Gas Turbine Enclosure (GTC-85) | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-105B-57 Technical Manual, Operation and Maintenance Instructions with IPB, Jet Aircraft Start Unit (A/M47A-3) | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-600-27-6-1 Preoperational Maintenance Requirement Cards, Trailer Mounted Container Enclosed Pneumatic Power Turbine | Hard copy | 13 | Jun 89 | Onboard |

IV.B.3. TECHNICAL MANUALS

NAVAIR 19-600-27-6-2 Hard copy 13 Jun 89 Onboard
 Periodic Maintenance Requirement Cards, Turbine Engine
 GTC-85-72/76 Trailer Mounted Container Enclosed Pneumatic
 Power Turbine Engine

CIN, COURSE TITLE: C-602-3212, GTCP-100-82 Engine and Enclosures Intermediate Maintenance Course
 (Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC : NAS Jacksonville, 39469

| TECHNICAL MANUAL NUMBER / TITLE | MEDIUM | QTY REQD | DATE REQD | STATUS |
|--|-----------|----------|-----------|---------|
| NAVAIR 15-01-500 Technical Manual Organizational, Intermediate, and Depot Maintenance, Preservation of Naval Aircraft | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 16-1-8.1.1 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 16-1-8.1.2 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 16-2-8.1.3 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 17-1-125 Technical Manual, Maintenance Instruction, Organizational Intermediate Ground Support Equipment Cleaning and Corrosion Control | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-105B-56 Technical Manual, Maintenance Instruction with Illustrated Parts Breakdown (Intermediate) Pneumatic Starter Duct Assembly | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-105B-59 Technical Manual, Operation and Intermediate Maintenance Instruction with Illustrated Parts Breakdown, Jet Aircraft Start Unit A/M47A-4 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-105B-60 Technical Manual, Operation and Intermediate Maintenance Instruction with Illustrated Parts Breakdown, Jet Aircraft Start Unit A/S47A-1 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-600-215-6-1 Preoperational Check List, GTE (GTCP-100) Tractor Mounted Enclosure A/S47A-1 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-600-215-6-2 Technical Manual, Periodic Maintenance Requirements, GTE (GTCP 100) Tractor Mounted Enclosure A/S47A-1 | Hard copy | 13 | Sep 95 | Onboard |

IV.B.3. TECHNICAL MANUALS

| | | | | |
|---|-----------|----|--------|---------|
| NAVAIR 19-600-217-6-1 Preoperational Check List, Aircraft Start Unit A/S47A-1 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-600-217-6-2 Technical Manual, Periodic Maintenance Requirements, Aircraft Start Unit A/M47A-4 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR A1-580AB-IPB-400 Technical Manual, Operation and Maintenance Instruction Organizational Intermediate and Depot Pneumatic Gas Turbine Engine | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR A1-580AB-MMI-200 Technical Manual, Operation and Maintenance Instruction Organizational and Intermediate, Pneumatic Power Gas Turbine Engines | Hard copy | 13 | Sep 95 | Onboard |
| OPNAV 4790/29 Aeronautical Equipment Service Record | Hard copy | 13 | Sep 95 | Onboard |
| OPNAV 4790/52 Support Equipment Preoperational Record | Hard copy | 13 | Sep 95 | Onboard |
| OPNAVINST 4790.2 series Naval Aviation Maintenance Program | Hard copy | 13 | Sep 98 | Onboard |
| OPNAVINST 5100.19 Safety Instructions (NAVOSH) | Hard copy | 13 | Sep 95 | Onboard |

CIN, COURSE TITLE: C-602-3XXX, MSU 200NAV Engine Enclosure Intermediate Maintenance (Track D-602-7005 and D-602-7040)

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC : NAS Jacksonville, 39469

| TECHNICAL MANUAL NUMBER / TITLE | MEDIUM | QTY REQD | DATE REQD | STATUS |
|---------------------------------|--------|----------|-----------|--------|
|---------------------------------|--------|----------|-----------|--------|

Note: All Technical Manuals for the MSU 200NAV are pending development in February 2004.

| | | | | |
|---|-----------|----|--------|---------|
| NAVAIR 00-80T-96 U.S. Navy Support Equipment, Common, Basic Handling Safety Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 15-01-500 Technical Manual, Organizational, Intermediate, and Depot Maintenance, Preservation of Naval Aircraft | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 16-1-8.1.1 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 16-1-8.1.2 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Feb 04 | Pending |

IV.B.3. TECHNICAL MANUALS

| | | | | |
|---|-----------|----|--------|---------|
| NAVAIR 16-2-8.1.3 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Feb 04 | Pending |
|---|-----------|----|--------|---------|

| | | | | |
|--|-----------|----|--------|---------|
| NAVAIR 17-1-125 Technical Manual, Maintenance Instruction, Organizational, Intermediate Ground Support Equipment Cleaning and Corrosion Control | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 19-105B-62 Technical Manual, Operation and Maintenance Instruction, Organizational and Intermediate, Air Start Unit MSU 200NAV | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 19-600-306-6-1 Preoperational Maintenance Requirement Cards MSU 200NAV | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 19-600-306-6-2 Periodic Maintenance Requirement Cards MSU 200 NAV | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 4790.2 series Naval Aviation Maintenance Program | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 4790/29 Aeronautical Equipment Service Record | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 4790/52 Support Equipment Preoperational Record | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 5100.19 Safety Instruction (NAVOSH) | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 19-40-521 Tow Tractor Manual | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 4790/51 Support Equipment Custody and Maintenance Record | Hard copy | 13 | Feb 04 | Pending |

CIN, COURSE TITLE: C-602-3211, GTC-85 -72 Engine and Enclosures Intermediate Maintenance Course
(Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC : NAS North Island, 39476

| TECHNICAL MANUAL NUMBER / TITLE | MEDIUM | QTY REQD | DATE REQD | STATUS |
|--|---------------|---------------------|----------------------|---------------|
| NAVAIR 00-80T-96 U.S. Navy Support Equipment, Common, Basic Handling Safety Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 03-105BC-31 Illustrated Parts Breakdown, Pneumatic Power Gas Turbine Engine | Hard copy | 13 | Jun 89 | Onboard |

IV.B.3. TECHNICAL MANUALS

| | | | | |
|---|-----------|----|--------|---------|
| NAVAIR 15-01-500 Technical Manual, Organizational, Intermediate and Depot Maintenance, Preservation of Naval Aircraft | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 16-1-8.1 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 16-1-8.2 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 16-1-8.3 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 17-1-125 Technical Manual, Maintenance Instructions, Organizational and Intermediate, Ground Support Equipment Cleaning and Corrosion Control | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-105B-12 Technical Manual, Operation and Maintenance Instruction, Organizational, Intermediate, Pneumatic Power Gas Turbine Engine | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-105B-49 Technical Manual, Operation and Maintenance Instruction with IPB, Organizational, Intermediate and Depot, Gas Turbine Enclosure (GTC-85) | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-105B-57 Technical Manual, Operation and Maintenance Instructions with IPB, Jet Aircraft Start Unit (A/M47A-3) | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-600-27-6-1 Preoperational Maintenance Requirement Cards, Trailer Mounted Container Enclosed Pneumatic Power Turbine | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 19-600-27-6-2 Periodic Maintenance Requirement Cards, Turbine Engine GTC-85-72/76 Trailer Mounted Container Enclosed Pneumatic Power Turbine Engine | Hard copy | 13 | Jun 89 | Onboard |

CIN, COURSE TITLE: C-602-3212, GTCP-100-82 Engine and Enclosures Intermediate Maintenance Course (Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC : NAS North Island, 39476

| TECHNICAL MANUAL NUMBER / TITLE | MEDIUM | QTY REQD | DATE REQD | STATUS |
|--|---------------|-----------------|------------------|---------------|
| NAVAIR 15-01-500 Technical Manual Organizational, Intermediate, and Depot Maintenance, Preservation of Naval Aircraft | Hard copy | 13 | Sep 95 | Onboard |

IV.B.3. TECHNICAL MANUALS

| | | | | |
|--|-----------|----|--------|---------|
| NAVAIR 16-1-8.1.1 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 16-1-8.1.2 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 16-2-8.1.3 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 17-1-125 Technical Manual, Maintenance Instruction, Organizational Intermediate Ground Support Equipment Cleaning and Corrosion Control | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-105B-56 Technical Manual, Maintenance Instruction with Illustrated Parts Breakdown (Intermediate) Pneumatic Starter Duct Assembly | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-105B-59 Technical Manual, Operation and Intermediate Maintenance Instruction with Illustrated Parts Breakdown, Jet Aircraft Start Unit A/M47A-4 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-105B-60 Technical Manual, Operation and Intermediate Maintenance Instruction with Illustrated Parts Breakdown, Jet Aircraft Start Unit A/S47A-1 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-600-215-6-1 Preoperational Check List, GTE (GTCP-100) Tractor Mounted Enclosure A/S47A-1 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-600-215-6-2 Technical Manual, Periodic Maintenance Requirements, GTE (GTCP 100) Tractor Mounted Enclosure A/S47A-1 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-600-217-6-1 Preoperational Check List, Aircraft Start Unit A/S47A-1 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR 19-600-217-6-2 Technical Manual, Periodic Maintenance Requirements, Aircraft Start Unit A/M47A-4 | Hard copy | 13 | Sep 95 | Onboard |
| NAVAIR A1-580AB-IPB-400 Technical Manual, Operation and Maintenance Instruction Organizational Intermediate and Depot Pneumatic Gas Turbine Engine | Hard copy | 13 | Sep 95 | Onboard |

IV.B.3. TECHNICAL MANUALS

| | | | | |
|---|-----------|----|--------|---------|
| NAVAIR A1-580AB-MMI-200 Technical Manual, Operation and Maintenance Instruction Organizational and Intermediate, Pneumatic Power Gas Turbine Engines | Hard copy | 13 | Sep 95 | Onboard |
| OPNAV 4790/29 Aeronautical Equipment Service Record | Hard copy | 13 | Sep 95 | Onboard |
| OPNAV 4790/52 Support Equipment Preoperational Record | Hard copy | 13 | Sep 95 | Onboard |
| OPNAVINST 4790.2 series Naval Aviation Maintenance Program | Hard copy | 13 | Sep 98 | Onboard |
| OPNAVINST 5100.19 Safety Instructions (NAVOSH) | Hard copy | 13 | Sep 95 | Onboard |

CIN, COURSE TITLE: C-602-3XXX, MSU 200NAV Engine Enclosure Intermediate Maintenance (Track E-602-7005 and E-602-7040)

TRAINING ACTIVITY: MTU 3033 NAMTRAU

LOCATION, UIC : NAS North Island, 39476

| TECHNICAL MANUAL NUMBER / TITLE | MEDIUM | QTY REQD | DATE REQD | STATUS |
|---------------------------------|--------|----------|-----------|--------|
|---------------------------------|--------|----------|-----------|--------|

Note: All Technical Manuals for the MSU 200NAV are pending development in February 2004.

| | | | | |
|--|-----------|----|--------|---------|
| NAVAIR 00-80T-96 U.S. Navy Support Equipment, Common, Basic Handling Safety Manual | Hard copy | 13 | Jun 89 | Onboard |
| NAVAIR 15-01-500 Technical Manual, Organizational, Intermediate, and Depot Maintenance, Preservation of Naval Aircraft | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 16-1-8.1.1 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 16-1-8.1.2 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 16-2-8.1.3 Aeronautical Support Equipment Work Unit Code Manual | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 17-1-125 Technical Manual, Maintenance Instruction, Organizational, Intermediate Ground Support Equipment Cleaning and Corrosion Control | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 19-105B-62 Technical Manual, Operation and Maintenance Instruction, Organizational and Intermediate, Air Start Unit MSU 200NAV | Hard copy | 13 | Feb 04 | Pending |

IV.B.3. TECHNICAL MANUALS

| | | | | |
|--|-----------|----|--------|---------|
| NAVAIR 19-600-306-6-1 Preoperational Maintenance Requirement Cards MSU 200NAV | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 19-600-306-6-2 Periodic Maintenance Requirement Cards MSU 200 NAV | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 4790.2 series Naval Aviation Maintenance Program | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 4790/29 Aeronautical Equipment Service Record | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 4790/52 Support Equipment Preoperational Record | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 5100.19 Safety Instruction (NAVOSH) | Hard copy | 13 | Feb 04 | Pending |
| NAVAIR 19-40-521 Tow Tractor Manual | Hard copy | 13 | Feb 04 | Pending |
| OPNAV 4790/51 Support Equipment Custody and Maintenance Record | Hard copy | 13 | Feb 04 | Pending |



PART V - MPT MILESTONES

| COG CODE | MPT MILESTONES | DATE | STATUS |
|-----------------|--|-------------|---------------|
| DA | Approved NTP for GTCP100-82 Support Equipment Gas Turbine Engine | Sep 93 | Completed |
| DA | Conducted Maintenance Training Readiness Review (MTRR) | Dec 01 | Completed |
| TSA | Conducted Initial Training for DT personnel | FY01 | Completed |
| DA | Developed Maintenance Plan (Draft) M-LI-2002-7 | Jan 02 | Completed |
| TSA | Prepared Draft MSU 200NAV NTSP | Apr 02 | Completed |
| TSA | Forwarded Proposed NTSP to OPNAV for Approval | Nov 02 | Completed |
| DA | Conduct MSU 200NAV TECHEVAL/SUPEVAL | Nov 02 | Pending |
| TSA | Conduct MSU 200NAV NATEC Training (Operator) | Nov 02 | Pending |
| TSA | Conduct NAMTRAU Training (Operator) | Nov 02 | Pending |
| DA | Award Production Contract | Dec 02 | Pending |
| TSA | Approve MSU 200NAV NTSP | Dec 02 | Pending |
| PA | Approve ULSS and Deliver to Fleet | Aug 03 | Pending |
| DA | Publish Maintenance Plan (Final) | Nov 03 | Pending |
| TSA | Conduct MSU 200NAV NATEC Training (Maintenance) | Nov 03 | Pending |
| TSA | MSU 200NAV Intermediate Level Maintenance Course RFT | Jun 04 | Pending |
| DA | Attain Material Support Date (MSD) | Nov 05 | Pending |



PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED

COMMAND ACTION

DUE DATE

STATUS

No Actions or Decisions pending



PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL

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PART VII - POINTS OF CONTACT

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PART VII - POINTS OF CONTACT

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PART VII - POINTS OF CONTACT

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SUMMARY OF COMMENTS

ON THE

MSU 200NAV

AIR START UNIT

DRAFT NAVY TRAINING SYSTEM PLAN

APRIL 2002

N78-NTSP-A-50-0123/D

Prepared by: Robert Kresge, AIR-3.4.1
Contact at: (301) 757-1844
Date submitted: 13 November 2002

**COMMENTS / RECOMMENDATIONS ON THE
MSU 200NAV AIR START UNIT
DRAFT NAVY TRAINING SYSTEM PLAN
TABLE OF CONTENTS**

ACTIVITIES PROVIDING COMMENTS:

| | |
|---|---|
| Navy Manpower Analysis Center..... | 1 |
| Naval Education and Training Command..... | 2 |

**COMMENTS / RECOMMENDATIONS ON THE
MSU 200NAV AIR START UNIT
DRAFT NAVY TRAINING SYSTEM PLAN**

ACTIVITY NAME: NAVMAC, 32

COMMENT: Page I-4, paragraph H.2.b.2

Corrective maintenance, delete the words “(work center 940)”. This is needed to alleviate any confusion as far as which work center in 900 division performs intermediate level maintenance.

INCORPORATED: YES

REMARKS: Changed to read “900 Division”.

COMMENT: Page I-5, paragraph H.4

Training concept, delete the words “in work center 940”. This is needed to alleviate any confusion as far as which work center in 900 division performs intermediate level maintenance.

INCORPORATED: YES

REMARKS: Changed to read “900 Division”.

COMMENT: The point of contact list for this NTSP need to be changed to:

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FAX: (901) 874-6471

INCORPORATED: YES

REMARKS: Updated points of contact for NAVMAC; however, CDR Rose Wynn has replaced LCDR Gordon Lawry.

**COMMENTS / RECOMMENDATIONS ON THE
MSU 200NAV AIR START UNIT
DRAFT NAVY TRAINING SYSTEM PLAN**

ACTIVITY NAME: Naval Education and Training Command (N7C124)

COMMENT: Page I-2, paragraph E

The paragraph states that the testing of the MSU 200NAV is planned for completion in August 2002. Suggest updating to a more current date or indicate completed.

INCORPORATED: YES

REMARKS: Changed to reflect current projected completion month and year.

COMMENT: Page I-3, paragraph 2

Second paragraph states, "replacement of engine and engine accessories." Should this be one engine?

INCORPORATED: NO

REMARKS: Paragraph reads correctly as stated.

COMMENT: Page I-5, paragraph 4

Is the training associated with MSU 200NAV Phase I to be provided by the contractor, or will the contractor train a cadre of Navy personnel who will then train other maintenance personnel?

INCORPORATED: YES

REMARKS: Added statement "Phase I training will be developed by NAMTRAU Headquarters, Pensacola, Florida." Added paragraph as follows: "Computer based training is being developed for both the operator and maintenance maintainer. NAMTRAU Headquarters will accomplish the development of the computer base operators course. A private contractor will develop the computer based maintenance course."

COMMENT: Page I-10, paragraph 1.a.b

Given that the training program appears to be of a traditional nature, what does this material add to the NTSP? Is interactive computer based courseware envisioned for the MSU 200NAV?

INCORPORATED: YES

REMARKS: Added paragraph to page I-10, paragraph 1.b: "Computer based training is being developed for both the operator and maintainer. NAMTRAU Headquarters will accomplish the development of the computer base operators course. A private contractor will develop the computer based maintenance course."