

**NAVY TRAINING SYSTEM PLAN**  
**FOR THE**  
**AN/GYQ-79 COMMON MUNITIONS BIT**  
**REPROGRAMMING EQUIPMENT**

**N88-NTSP-A-50-0124/A**

**JULY 2003**

## **AN/GYQ-79 COMMON MUNITIONS BIT REPROGRAMMING EQUIPMENT**

### **EXECUTIVE SUMMARY**

This Navy Training System Plan (NTSP) has been developed to identify the life cycle manpower, personnel, and training requirements associated with the AN/GYQ-79 Common Munitions Built-In Test (BIT) Reprogramming Equipment (CMBRE). CMBRE is a joint Air Force-Navy program in the Production and Deployment Phase of the Defense Acquisition System. The Air Force is the lead service. Initial Operating Capability for CMBRE was achieved in October 1998. The Navy Support Date (NSD) and Material Support Date are scheduled for Fiscal Year (FY) 04. CMBRE is in the Operations and Support phase of the Defense Acquisition System.

CMBRE, also identified as the AN/GYQ-79 Digital Computer Assembly, is munitions support equipment that is used to initiate BIT, obtain munitions status, reprogram munitions Operational Flight Programs, and load mission planning and Global Positioning System information.

CMBRE is operated and maintained by Navy Aviation Ordnanceman (AO) personnel with Navy Enlisted Classification (NEC) 6801, Air Launched Weapons Technician and Marine Corps personnel with Military Occupational Specialty (MOS) 6541, Aviation Ordnance System Technician, assigned to Navy Weapons Departments, both ashore and afloat, and Marine Corps MALS.

Maintenance of CMBRE will be conducted at two levels, intermediate and depot. Depot level maintenance will be performed by, the manufacturer. Until the NSD is achieved, all CMBRE repairs are being provided by, the manufacturer under an Air Force Interim Contract Support Agreement.

Initial CMBRE training was provided by the manufacturer and has been completed. The Naval Air Warfare Center Weapons Division (NAWCWD), China Lake is providing interim CMBRE operator training on an as required basis until follow-on CMBRE training is available in FY04. Naval Air Maintenance Training Group Headquarters is currently developing a new follow-on CMBRE operator and maintenance technician course. This new course will be added to existing tracks that lead to the award of NEC 6801 and MOS 6541.

The quantitative and qualitative manpower requirements for Navy AOs with NEC 6801 and Marine Corps personnel with MOS 6541 identified in current Navy Activity Manpower Documents and Marine Corps Tables of Organization are sufficient to support CMBRE without change.

**AN/GYQ-79 COMMON MUNITIONS BIT  
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**LIST OF ACRONYMS**

AO	Aviation Ordnanceman
AOB	Average Onboard
AR	Marine Corps Active Reserve
ATIR	Annual Training Input Requirement
BIT	Built-In Test
CFE	Contractor Furnished Equipment
CFY	Current Fiscal Year
CIN	Course Identification Number
CMBRE	Common Munitions BIT Reprogramming Equipment
CNO	Chief of Naval Operations
COMLANTFLT	Commander Atlantic Fleet
COMNAVAIRESFOR	Commander Naval Air Reserve Force
COMPACFLT	Commander Pacific Fleet
DCSA	Digital Computer System Assembly
FMS	Foreign Military Sales
FY	Fiscal Year
GFE	Government Furnished Equipment
GPS	Global Positioning System
I-O	Input-Output
JDAM	Joint Direct Attack Munitions
JSOW	Joint Stand-Off Weapon
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MOS	Military Occupational Specialty
MSD	Material Support Date
MTU	Maintenance Training Unit
NA	Not Applicable
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAMTRAGRU HQ	Naval Air Maintenance Training Group Headquarters

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**LIST OF ACRONYMS**

NAMTRA MARUNIT	Naval Air Maintenance Training Marine Unit
NAMTRAU	Naval Air Maintenance Training Unit
NAVAIR	Naval Air Systems Command
NAVPERSCOM	Naval Personnel Command
NAWCWD	Naval Air Warfare Center Weapons Division
NEC	Navy Enlisted Classification
NETC	Naval Education and Training Command
NSD	Navy Support Date
NTSP	Navy Training System Plan
OFP	Operational Flight Program
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
PFY	Prior Fiscal Year
PMA	Program Manager, Air
RFT	Ready For Training
SLAM-ER	Stand-Off Land Attack Missile-Expanded Response
TAU	Test Adapter Unit
TD	Training Device
TFMMS	Total Force Manpower Management System
TFS	Total Force Structure
TTE	Technical Training Equipment

**AN/GYQ-79 COMMON MUNITIONS BIT  
REPROGRAMMING EQUIPMENT**

**PREFACE**

This Approved Navy Training System Plan (NTSP) for the Common Munitions Built-In Test (BIT) Reprogramming Equipment (CMBRE) updates the Initial CMBRE NTSP, A-50-0124/I, dated September 2001, in accordance with guidelines set forth in the Navy Training Requirements Documentation Manual, Office of the Chief of Naval Operations (OPNAV) Publication P-751-1-9-97. Major changes included in this iteration of the NTSP are as follows:

- Incorporation of the latest program information
- Development of Parts II through VII

**PART I - TECHNICAL PROGRAM DATA**

**A. NOMENCLATURE-TITLE-PROGRAM**

**1. Nomenclature-Title-Acronym.** AN/GYQ-79 Common Munitions BIT  
Reprogramming Equipment (CMBRE)

**2. Program Element.** None

**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 (N78)

OPO Resource Sponsor ..... CNO (N78)

Developing Agency ..... NAVAIR (3.1.1)

Training Agency ..... COMLANTFLT (N71)  
COMPACFLT (N70)  
CNATT (FID N5)

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

Manpower and Personnel Mission Sponsor ..... CNO (N12)  
NAVPERSCOM (PERS-4, PERS-404)

Director of Naval Education and Training ..... CNO (N00T)

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

**D. SYSTEM DESCRIPTION**

**1. Operational Uses.** CMBRE, also identified as the AN/GYQ-79 Digital Computer Assembly, is munitions support equipment that is used to initiate BIT, obtain munitions status, reprogram munitions Operational Flight Programs (OFP), and load mission planning and Global Positioning System (GPS) information.

**2. Foreign Military Sales.** CMBRE is a joint Air Force-Navy program. The Air Force is the lead service. Information concerning Foreign Military Sales (FMS) of CMBRE may be obtained from the Navy Program Office, Naval Air Systems Command (NAVAIR), Code 3.1.1A.

## **E. DEVELOPMENTAL TEST AND OPERATIONAL TEST**

**1. Developmental Test.** CMBRE is comprised of Commercial Off-The-Shelf equipment; therefore, no Developmental Testing was required.

**2. Operational Test.** The Navy successfully completed Shipboard Demonstration and Validation of CMBRE in April 1997. The Air Force successfully completed Munitions Compatibility Testing at Edwards Air Force Base, California, in Fiscal Year (FY) 97.

**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** CMBRE did not replace any existing munitions test or program loading equipment.

## **G. DESCRIPTION OF NEW DEVELOPMENT**

**1. Functional Description.** CMBRE operation is controlled by, an executive program that resides in the Digital Computer System Assembly (DCSA). Upon power application, the executive program automatically initializes all electronics, verifies power conditions, and initiates a power-up BIT. Test results are reported on the DCSA display. Major components of CMBRE include:

**a. Test Adapter Unit.** The Test Adapter Unit (TAU) provides the electrical resources for munitions power, addressing, and discrete Input-Output (I-O) between the DCSA and the munitions. The TAU is used to initiate all testing and program loading.

**b. Electronic Control Panel.** The electronic control panel provides the power indicators, power control, and I-O interfaces to the DCSA.

**c. Power Supply.** The power supply provides regulated power to the TAU and DCSA. The power supply contains a cooling fan to control the internal temperature.

**d. Processor.** The processor receives commands from the DCSA and performs commanded actions to initialize or control one of the TAU resources. The processor operates on an independent microprocessor, separate from the DCSA microprocessor.

**e. Power Monitor.** The power monitor monitors the frequency, phase, and amplitude of the input power. Out-of-tolerance conditions result in removal of power to the munitions unit under test.

**f. Digital Computer System Assembly.** DCSA is a self-contained,

ruggedized computer that is IBM compatible. The DCSA provides system central control, communications, access to the Munitions Application Program memory, and interfaces to external resources. The embedded microprocessor is an INTEL 80486DX4. The operating system is MS-DOS version 6.22. The CMBRE IPT will address all future hardware and programming support. All non-volatile memory within the computer is write-protected to prevent software damage and inadvertent storage of classified data.

**g. Disk Drive Unit.** The Disk Drive Unit is a 3.5-inch floppy disk drive that interfaces with the DCSA via a cable connection.

**h. Other Equipment.** Other equipment consists of interface cables and power cables.

**2. Physical Description.** CMBRE is packaged in three portable boxes. Box 1, identified as the TAU, contains the electrical control panel, power supply, processor circuit card assembly, and power monitor. Box 2, identified as the Controller Unit, contains the DCSA and associated cables. Box 3, identified as the Accessory Kit, is a test set case used for storage and transporting components that are not required for normal system operation. Components contained in Box 3 include power extension cables, power adapter cables, power converter, disk drive unit, dummy connector plug, and computer hood. Physical characteristics of the CMBRE portable boxes are as follows:

ASSEMBLY	DIMENSIONS (INCHES)			WEIGHT (POUNDS)
	HEIGHT	WIDTH	LENGTH	
TAU - Box 1	13	18	22	40
Controller Unit - Box 2	15	17	18	42
Accessory Kit - Box 3	15	17	18	39

**3. New Development Introduction.** CMBRE is being introduced to the fleet as new equipment through new procurement.

**4. Significant Interfaces.** CMBRE requires connection to a three phase, 400 hertz, 115/220 volt alternating current, 15 amp power source or power cart. CMBRE interfaces with the following current and future Navy and Marine Corps munitions:

- Joint Direct Attack Munitions (JDAM)
- AGM-154 Joint Stand-Off Weapon (JSOW)
- Stand-Off Land Attack Missile-Expanded Response (SLAM-ER)
- Miniature Air Launched Decoys
- Hard Target Smart Fuze

- AIM-9X Air-to-Air Missile
- ALE-50 Towed Decoy
- Miniature Munitions

**5. New Features, Configurations, or Material.** Not Applicable (NA)

## H. CONCEPTS

**1. Operational Concept.** CMBRE is operated by Navy Aviation Ordnanceman (AO) personnel with Navy Enlisted Classification (NEC) 6801, Air Launched Weapons Technician, and Marine Corps personnel with Military Occupational Specialty (MOS) 6541, Aviation Ordnance System Technician, assigned to Navy shore and afloat Weapons Departments and Marine Corps MALS.

**2. Maintenance Concept.** After the Navy Support Date (NSD) scheduled for FY04, maintenance of CMBRE will be conducted at two levels, intermediate and depot, in accordance with the guidelines established in the Naval Ordnance Maintenance Management Program Office of the Chief of Naval Operations Instruction (OPNAVINST) 8000.16.

**a. Organizational.** CMBRE is not used or maintained at the organizational level.

**b. Intermediate.** Navy AOs with NEC 6801 and Marine Corps personnel with MOS 6541 assigned to Navy shore and afloat Weapons Departments and Marine Corps MALS will maintain CMBRE. Intermediate level maintenance will be limited to cleaning, replacement of common hardware, and replacement of selected circuit cards.

**c. Depot.** Depot level maintenance will be performed by the manufacturer and consists of all maintenance actions beyond the capability of intermediate maintenance. Additionally, the manufacturer will perform all maintenance on CMBRE units that malfunction while under warranty.

**d. Interim Maintenance.** Currently, and until the NSD in FY04 all CMBRE repairs are accomplished by the manufacturer under an Air Force Interim Contract Support Agreement.

**e. Life Cycle Maintenance Plan.** NA

### 3. Manning Concept

**a. Estimated Maintenance Man-Hours per Operating Hour.** CMBRE is highly reliable with a greater than 4857 hours, Mean Time Between Failures and less than 30 minutes Mean Time To Repair.

**b. Proposed Utilization.** Afloat, the CMBRE is employed an average of six hours per day, seven days per week, six months per year. Ashore, the CMBRE is employed an average of three hours per day, five days per week, 12 months per year.

**c. Recommended Qualitative and Quantitative Manpower Requirements.** The quantitative and qualitative manpower requirements for Navy AOs with NEC 6801 and Marine Corps personnel with MOS 6541 identified in current Navy Activity Manpower Documents and Marine Corps Tables of Organization are sufficient to support CMBRE without change.

**4. Training Concept.** All formal initial training for CMBRE has been completed.

**a. Initial Training.** Initial CMBRE training was provided by, the manufacturer to:

- Shipboard Demonstration and Verification Personnel
- Munitions Compatibility Testing Personnel
- JDAM Training Team Members from NAWCWD, China Lake, California

Initial training was completed in FY98. The JDAM Training Team is currently providing interim CMBRE operator training on an as-required basis until follow-on training is Ready For Training (RFT) in FY04. Prior to the NSD scheduled for FY04, all CMBRE maintenance is being performed by the manufacturer; therefore, CMBRE maintenance is not included as part of this interim training. A training effectiveness evaluation outside of yearly formal course reviews has not been completed.

**b. Follow-on Training**

<b>Title .....</b>	<b>Aviation Ordnance Technician Intermediate Maintenance</b>
CIN .....	M-646-7026
Model Manager....	Naval Air Maintenance Training Marine Unit (NAMTRA MARUNIT), Cherry Point, North Carolina
Description.....	<p>This course provides training to Marine Corps ordnance personnel, including:</p> <ul style="list-style-type: none"><li>◦ Theory of Operation</li><li>◦ MIL-STD-1553 Command/Response Multiplex Data Bus</li><li>◦ MIL-STD-1760 Electrical/Mechanical Interface</li><li>◦ BIT Capability</li><li>◦ Reprogramming Munitions OFP</li><li>◦ Loading Mission Planning Information</li><li>◦ Loading GPS Information</li><li>◦ Troubleshooting and Circuit Card Replacement</li></ul> <p>Upon completion, the student will be able to operate and maintain the CMBRE at the intermediate level under limited supervision.</p>
Locations .....	NAMTRA MARUNIT, MCAS Cherry Point
Length.....	Track 87 days, 89 days with CMBRE included
RFT date .....	Currently available, CMBRE included in FY04
Skill identifier .....	MOS 6541
TTE/TD.....	<ul style="list-style-type: none"><li>◦ TTE: AN/GYQ-79 Digital Computer Assembly</li><li>◦ TD: NA</li></ul>
Prerequisite .....	<ul style="list-style-type: none"><li>◦ C-646-2011 Aviation Ordnanceman Class A1 Core</li><li>◦ C-646-2013 Aviation Ordnanceman Ship/Shore Strand</li></ul>

**Title .....** **General Shipboard/NAS Weapons Department  
AVORD Maintenance**

CIN ..... D/E-646-7007

Model Manager.... NAMTRAU Norfolk, Virginia

Description..... This course provides training to Navy/Marine Corps ordnance personnel, including:

- Theory of Operation
- MIL-STD-1553 Command/Response Multiplex Data Bus
- MIL-STD-1760 Electrical/Mechanical Interface
- BIT Capability
- Reprogramming Munitions OFP
- Loading Mission Planning Information
- Loading GPS Information
- Troubleshooting and Circuit Card Replacement

Upon completion, the student will be able to operate and maintain the CMBRE at the intermediate level under limited supervision.

Locations ..... ◦ Maintenance Training Unit (MTU) 4032, Naval Air Maintenance Training Unit (NAMTRAU) Norfolk  
◦ MTU 4030, Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) Mayport, Florida  
◦ MTU 4035, NAMTRAU Whidbey Island, Washington  
◦ MTU 4033, NAMTRAU North Island, California

Length..... Track 43 days, 45 days with CMBRE included

RFT date ..... Currently available, CMBRE included in FY04

Skill identifier ..... NEC 6801

TTE/TD..... ◦ TTE: AN/GYQ-79 Digital Computer Assembly  
◦ TD: NA

Prerequisite ..... ◦ C-646-2011 Aviation Ordnanceman Class A1 Core  
◦ C-646-2013 Aviation Ordnanceman Ship/Shore Strand

**c. Student Profiles**

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AO 6801	C-646-2011 Aviation Ordnanceman Class A1 Core C-646-2013 Aviation Ordnanceman Airwing Strand
MOS 6541	C-646-2011 Aviation Ordnanceman Class A1 Core

**d. Training Pipelines.** Two training tracks are affected by CMBRE as follows:

**(1) D/E-646-7007, General Shipboard Aviation Ordnance**

**Maintenance.** As per MTRR Task 700.00 MTRR.7007.38 course length will be increasing by 10 hours from 43 days to 45 days. No additional instructors will be required. Students completing this track earn NEC 6801.

**(2) M-646-7026, Aviation Ordnance Systems Technician.** As per

MTRR Task 700.00 MTRR.7007.38 course length will be increasing by 10 hours from 87 days to 89 days. No additional instructors will be required. Students completing this track earn MOS 6541.

**I. ONBOARD (IN-SERVICE) TRAINING**

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

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

**b. Aviation Maintenance Training Continuum System.** In the future CMBRE may be included in the Aviation Maintenance Training Continuum System. Currently no timetable for inclusion has been developed.

**2. Personnel Qualification Standards.** Personnel Qualification Standards will not be developed for CMBRE.

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

## J. LOGISTICS SUPPORT

### 1. Manufacturer and Contract Number

<b>CONTRACT NUMBER</b>	<b>MANUFACTURER</b>	<b>ADDRESS</b>
F33657-96-D-1217	Alliant Defense Electronics Systems, Inc.	Post Office Box 4648 Clearwater, FL 33758

**2. Program Documentation.** Since CMBRE is an Air Force Lead program, no Navy Integrated Logistics Support Plan or Operational Logistics Support Summary was developed. Air Force Program documentation includes:

- Specifications for CMBRE, SA/ALC/LDA-PS-95-01 Revision 1, dated October 1998
- CMBRE Controller Executive Computer Software Configuration Item Software Requirements Specification, SJ 8223-38161-0013-1, dated May 1997
- CMBRE TAU Firmware Computer Software Configuration Item Software Requirements Specification, SJ 8223-38161-0014-1, dated May 1997
- CMBRE TAU Interface Design Description, SJ 8223-38161-0028, dated January 1998.

**3. Technical Data Plan.** Required technical manuals are delivered by the manufacturer with each CMBRE unit delivered. Changes and updates are controlled and distributed by the Air Force Technical Publications Center, Kelly Air Force Base, Texas. Technical publications are identified with both an Air Force technical order number and NAVAIR publication numbers.

**4. Test Sets, Tools, and Test Equipment.** No unique requirements for special test sets, special tools, or special test equipment are required to support CMBRE; however, each munition has its own unique OFP program, which is provided by the applicable program office.

**5. Repair Parts.** Prior to the Material Support Date (MSD), scheduled for FY04, all CMBRE repair parts are being provided by the manufacturer under an Air Force Interim Contract Support Agreement. After the MSD, replacement parts will be requisitioned from the Air Force inventory manager through normal supply channels.

**6. Human Systems Integration.** CMBRE is a mature program. All new design systems and software address the human-machine interface for operators, maintainers, and support personnel. The design processes conformed to standard human engineering practices as defined in existing human factors engineering design standards.

This system has no habitability impact. Manpower issues are covered in part II and III of this document. Maintenance training includes a blend of CAI, ICW and paper based instruction. These courses will be taught via platform instruction. The level of learning and level of interactivity are at 2 for CMBRE. Any future development of CBT, CAI and ICW training material will be sharable content object reference model compliant. A training effectiveness evaluation has not been performed but the course has undergone a yearly formal course evaluation since its inception. The results from these formal course reviews are used to effect curriculum changes to meet the fleet's needs. Conventional weapons technical proficiency inspections are a program that is used to identify training effectiveness or deficiencies. A formal training effectiveness evaluation action chit has been documented in Part VI of this NTSP listing the IPT Lead at NAWCWD 486100E as the action command.

The ECP process, in accordance with NAVAIRINST 4130.1C, is utilized to initiate upgrades to operational and training systems and allows for inputs to the affect on the human and MPT. Any new engineering change proposals for CMBRE will take into consideration the human-machine interface for Operators, Maintainers and Support Personnel.

In its current state of design, CMBRE contains no explosive, radioactive, or carcinogenic materials. Toxic materials are present in small amounts and in forms that present no hazard during any phase of system ownership, including disposal. If the components were to be incinerated, limited amounts of corrosive vapors would be generated by the decomposition of wire insulation. This is common to all electronic equipment meeting the requirements to operate in the specified environments. Environmental and Occupational Safety and Health requirements meet federal, state, and local standards, regulations, and directives and are enforced by respective agencies, as applicable.

## K. SCHEDULES

**1. Installation and Delivery Schedules.** CMBRE requires no installation. All CMBRE units will be delivered to the NAWCWD China Lake. NAWCWD will retain ownership of all CMBRE assets and distribute them to user activities on a custody basis. Current plans are for the Navy to purchase 146 CMBRE units. Delivery began in FY97 with the delivery of three CMBRE prototypes and will to be completed in FY03.

### DELIVERY SCHEDULE

ACTIVITY	FY97	FY98	FY99	FY00	FY01	FY02	FY03
NAWCWD China Lake	3	15	36	40	24	24	4

**2. Ready For Operational Use Schedule.** CMBRE is Ready For Operational Use upon receipt from the manufacturer.

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

**4. Foreign Military Sales and Other Source Delivery Schedule.** Information concerning CMBRE FMS delivery schedules may be obtained from the Navy Program Office, NAVAIR Code 3.1.1A.

**5. Training Devices and Technical Training Equipment Delivery Schedule.** No Training Devices are required to support CMBRE. One CMBRE unit is required as TTE at each training location. All TTE has been delivered.

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

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

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
Navy Training System Plan for the Joint Direct Attack Munitions	A-50-9104/D	PMA259	Draft Dec 95
Navy Training System Plan for the Joint Stand-Off Weapon	A-50-8906A/A	PMA258	Approved Mar 00
Navy Training System Plan for the Stand-Off Land Attack Missile-Expanded Response	A-50-9502A/A	PMA258	Approved Nov 00
Navy Training System Plan for the AIM-9X Sidewinder Missile	A-50-9601A/A	PMA259	Approved Jun 01
Specifications for CMBRE	SA/ALC/LDA-PS-95-01 Revision 1	Air Force	Dated Oct 98
CMBRE Controller Executive Computer Software Configuration Item Software Requirements Specification	SJ 8223-38161-0013-1	Air Force	Dated May 97
CMBRE TAU Firmware Computer Software Configuration Item Software Requirements Specification	SJ 8223-38161-0014-1	Air Force	Dated May 97
CMBRE TAU Interface Design Description	SJ 8223-38161-0028	Air Force	Dated Jan 98

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
CMBRE Programmer's Manual	SJ 8223-38161-0029	Air Force	Dated Jan 98

## PART II - BILLET AND PERSONNEL REQUIREMENTS

**Note 1:** This part of the CMBRE NTSP is presented by, NEC and MOS for ease of understanding. It was developed to establish the total intermediate level maintenance billet requirements for the ordnance community. The requirement is to train ordnance personnel in the USN and USMC to receive an NEC or MOS to fill a billet.

**Note 2:** This part of the CMBRE NTSP is a compilation of one intermediate level NEC (AO 6801) and one intermediate level MOS (6541) with associated billets. The workload associated with the CMBRE is only a small percentage of the total required intermediate level workload for AO 6801 and MOS 6541. Since NEC 6801 and MOS 6541 are not solely dedicated to the CMBRE, the training requirements remain the same.

## II.A. BILLET REQUIREMENTS

<b>SOURCE OF SCHEDULE:</b>	NAVAIR 3.1.1	<b>DATE:</b>	March 2002
<b>SOURCE OF NAVY MANPOWER:</b>	Total Force Manpower Management System (TFMMS)	<b>DATE:</b>	June 2002
<b>SOURCE OF USMC MANPOWER:</b>	TFS MCCDC, Extracted from Table of Manpower Requirements	<b>DATE:</b>	June 2002

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

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
OPERATIONAL ACTIVITIES - USN							
VFA 106	49119	1	0	0	0	0	0
VAQ 129	83896	1	0	0	0	0	0
VFA 125	53971	1	0	0	0	0	0
<b>TOTAL:</b>		<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
OPERATIONAL ACTIVITIES - USMC							
HMH 772 CH-53E	09490	1	0	0	0	0	0
HMH CH-53 (East Coast)	00000	2	0	0	0	0	0
HMLA 773	09431	1	0	0	0	0	0
HMLA 773 DET	00000	1	0	0	0	0	0
HMLA 775 DET A	09415	1	0	0	0	0	0
HMLA AH-1/UH-1 (East Coast)	00000	2	0	0	0	0	0
HMM 774 CH-46	09430	1	0	0	0	0	0
HMM CH-46E (East Coast)	00000	6	0	0	0	0	0
VMFA(AW) F/A-18 (East Coast)	00000	3	0	0	0	0	0
VMA AV-8B (East Coast)	00000	3	0	0	0	0	0
VMAQ EA-6B (East Coast)	00000	4	0	0	0	0	0
VMFA 142	67243	1	0	0	0	0	0
VMFA 321	67235	1	0	0	0	0	0
VMFA F/A-18 (East Coast)	00000	4	0	0	0	0	0
VMM MV-22A	00000	1	0	0	0	0	0
HMH 769 CH-53E	09487	1	0	0	0	0	0
HMM CH-53D (West Coast)	00000	3	0	0	0	0	0
HMH CH-53E (West Coast)	00000	4	0	0	0	0	0
HMLA 775	55257	1	0	0	0	0	0
HMLA AH-1/UH-1 (West Coast)	00000	4	0	0	0	0	0
HMM 764 CH-46	09402	1	0	0	0	0	0
HMM CH-46E (West Coast)	00000	6	0	0	0	0	0
VMFA 134	09365	1	0	0	0	0	0
VMFA F/A-18 (West Coast)	00000	4	0	0	0	0	0
VMA AV-8B (West Coast)	00000	4	0	0	0	0	0
VMFA 112	08954	1	0	0	0	0	0
VMFA(AW) F/A-18 (West Coast)	00000	3	0	0	0	0	0
<b>TOTAL:</b>		<b>65</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

<b>ACTIVITY, UIC</b>	<b>PFYs</b>	<b>CFY03</b>	<b>FY04</b>	<b>FY05</b>	<b>FY06</b>	<b>FY07</b>
<b>FLEET SUPPORT ACTIVITIES - USN</b>						
AIROPS/NAVOSH PM Brunswick	3193B	1	0	0	0	0
Commander Afloat Training Group, Norfolk	30733	1	0	0	0	0
COMNAVAIRLANT Ordnance Detachment	31279	1	0	0	0	0
COMNAVAIRLANT	57012	1	0	0	0	0
COMSTKFITWING DET, Beaufort	3006A	1	0	0	0	0
CV 67 USS John F. Kennedy	03367	1	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0
CVN 69 USS Dwight D. Eisenhower	03369	1	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	1	0	0	0	0
CVN 73 USS George Washington	21412	1	0	0	0	0
CVN 75 USS Harry S. Truman	21853	1	0	0	0	0
CVN 76 USS Ronald Reagan	22178	1	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0
LHD 7 USS Iwo Jima	23027	1	0	0	0	0
MTU 3040 NAMTRAGRU DET Mayport	66069	1	0	0	0	0
MTU 4032 NAMTRAU Norfolk	66046	1	0	0	0	0
Naval Air Facility Mildenhall, England	57032	1	0	0	0	0
Naval Ordnance Center, Indian Head	68963	1	0	0	0	0
Naval Weapons Station, Charleston	00193	1	0	0	0	0
SURFLANT AVORD MTT, Norfolk	48764	1	0	0	0	0
VX 23 Patuxent River	39783	1	0	0	0	0
CNATRA Kingsville	49149	1	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0
CV 64 USS Constellation	00364	1	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0
LHD 6 USS Bonhomme Richard	22202	1	0	0	0	0
MTU 4033 NAMTRAU North Island	66065	1	0	0	0	0
MTU 4035 NAMTRAU Whidbey Island	66058	1	0	0	0	0
Naval Air Facility El Centro	60042	1	0	0	0	0
Naval Support Facility Diego Garcia, Chagos	68539	1	0	0	0	0
Navy Base Ventura County, Point Mugu	69232	1	0	0	0	0
NAWC Weapons Division, Point Mugu	63126	1	0	0	0	0
Weapons Maintenance Unit One Agana, Guam	52821	1	0	0	0	0
<b>TOTAL:</b>		<b>45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

<b>ACTIVITY, UIC</b>	<b>PFYs</b>	<b>CFY03</b>	<b>FY04</b>	<b>FY05</b>	<b>FY06</b>	<b>FY07</b>
<b>FLEET SUPPORT ACTIVITIES - USMC</b>						
Blout Island Command 38450	1	0	0	0	0	0
H&HS MCAS Beaufort 02031	1	0	0	0	0	0
H&HS MCAS New River 02021	1	0	0	0	0	0
H&MS MCAS Cherry Point 02002	1	0	0	0	0	0
MALS 42 Rotary Wing, Marietta 09513	1	0	0	0	0	0
MALS 49 Rotary Wing, Fort Stewart 55555	1	0	0	0	0	0
MALS Fixed Wing (East Coast) 00000	2	0	0	0	0	0
MALS Rotary Wing (East Coast) 00000	2	0	0	0	0	0
Marine Corps Personnel, Department of the Navy 00000	1	0	0	0	0	0
VMAT 203, Cherry Point 45483	1	0	0	0	0	0
H&HS Futenma, Japan 02601	1	0	0	0	0	0
H&HS Iwakuni, Japan 02501	1	0	0	0	0	0
H&HS MCAS Camp Pendleton 02208	1	0	0	0	0	0
H&HS MCAS Miramar 02201	1	0	0	0	0	0
H&HS MCAS Yuma 02230	1	0	0	0	0	0
HMT 303 Camp Pendleton 55176	1	0	0	0	0	0
MALS 41 Fixed Wing, Fort Worth 03007	1	0	0	0	0	0
MALS Fixed Wing (West Coast) 00000	3	0	0	0	0	0
MALS Rotary Wing (West Coast) 00000	3	0	0	0	0	0
MALSE Kaneohe Bay 02300	1	0	0	0	0	0
Marine Aviation Detachment, China Lake 06117	1	0	0	0	0	0
Marine Wing Site Support, Fort Worth 03007	1	0	0	0	0	0
MAWTS 1 Yuma 55167	1	0	0	0	0	0
MCAF Kaneohe Bay 02303	1	0	0	0	0	0
MCAGCC Twentynine Palms 67399	1	0	0	0	0	0
VMAT 101 MCAS Miramar 09965	1	0	0	0	0	0
<b>TOTAL:</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETTS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - USN					
<b>VFA 106, 49119</b>					
USMC	0	1	SGT	6541	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>VAQ 129, 83896</b>					
USMC	0	1	SGT	6541	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>VFA 125, 53971</b>					
USMC	0	1	SGT	6541	
<b>ACTIVITY TOTAL:</b>	0	1			
OPERATIONAL ACTIVITIES - USMC					
<b>HMH 772 CH-53E, 09490</b>					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>HMH CH-53 (East Coast), 00000</b>					
USMC	0	10	CPL	6541	
	0	2	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	0	12			
<b>HMLA 773, 09431</b>					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	2	CPL	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
<b>ACTIVITY TOTAL:</b>	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			
<b>HMLA 773 DET, 00000</b>					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>6</b>			
<b>HMLA 775 DET A, 09415</b>					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	4	LCPL	6541	
	0	1	SGT	6541	
	0	2	CPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>HMLA AH-1/UH-1 (East Coast), 00000</b>					
USMC	0	12	CPL	6541	
	0	18	LCPL	6541	
AR	0	6	SGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>36</b>			
<b>HMM 774 CH-46, 09430</b>					
USMC	0	2	CPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>2</b>			
<b>HMM CH-46E (East Coast), 00000</b>					
USMC	0	12	CPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>VMFA(AW) F/A-18 (East Coast), 00000</b>					
USMC	0	3	CPL	6541	
	0	15	LCPL	6541	
	0	9	SGT	6541	
	0	6	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>33</b>			

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			
<b>VMA AV-8B (East Coast), 00000</b>					
USMC	0	9	CPL	6541	
	0	21	LCPL	6541	
	0	6	SGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>36</b>			
<b>VMAQ EA-6B (East Coast), 00000</b>					
USMC	0	4	CPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>4</b>			
<b>VMFA 142, 67243</b>					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>10</b>			
<b>VMFA 321, 67235</b>					
USMC	0	2	CPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>10</b>			
<b>VMFA F/A-18 (East Coast), 00000</b>					
USMC	0	4	GYSGT	6541	
	0	24	LCPL	6541	
	0	8	SGT	6541	
	0	4	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>40</b>			
<b>VMM MV-22A, 00000</b>					
USMC	0	2	CPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>2</b>			

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			
<b>HMH 769 CH-53E, 09487</b>					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>HMH CH-53D (West Coast), 00000</b>					
USMC	0	6	CPL	6541	
<b>ACTIVITY TOTAL:</b>	0	6			
<b>HMM CH-53E (West Coast), 00000</b>					
USMC	0	20	CPL	6541	
	0	4	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	0	24			
<b>HMLA 775, 55257</b>					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	0	6			
<b>HMLA AH-1/UH-1 (West Coast), 00000</b>					
USMC	0	24	CPL	6541	
	0	36	LCPL	6541	
AR	0	12	SGT	6541	
<b>ACTIVITY TOTAL:</b>	0	72			
<b>HMM 764 CH-46, 09402</b>					
USMC	0	2	CPL	6541	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>HMM CH-46E (West Coast), 00000</b>					
USMC	0	8	CPL	6541	
<b>ACTIVITY TOTAL:</b>	0	8			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>VMFA 134, 09365</b>					
USMC	0	2	CPL	6541	
	0	1	SGT	6541	
AR	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
<b>ACTIVITY TOTAL:</b>	0	10			
<b>VMFA F/A-18 (West Coast), 00000</b>					
USMC	0	4	GYSGT	6541	
	0	24	LCPL	6541	
	0	8	SGT	6541	
	0	4	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	0	40			
<b>VMA AV-8B (West Coast), 00000</b>					
USMC	0	12	CPL	6541	
	0	28	LCPL	6541	
	0	8	SGT	6541	
<b>ACTIVITY TOTAL:</b>	0	48			
<b>VMFA 112, 08954</b>					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	0	10			
<b>VMFA(AW) F/A-18 (West Coast), 00000</b>					
USMC	0	3	CPL	6541	
	0	15	LCPL	6541	
	0	9	SGT	6541	
	0	6	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	0	33			

**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					
<b>AIROPS/NAVOSH PM, Brunswick, 3193B</b>					
ACDU	0	2	AO1	6801	
	0	1	AO1	6801	0812
	0	3	AO2	6801	
	0	2	AO3	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>8</b>			
<b>Commander Afloat Training Group, Norfolk, 30733</b>					
ACDU	0	2	AOC	0812	6801
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>2</b>			
<b>COMNAVAIRLANT Ordnance Detachment, Oceana, 31279</b>					
ACDU	0	2	AOC	6801	
	0	4	AO1	6801	
	0	9	AO2	6801	
	0	27	AO3	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>42</b>			
<b>COMNAVAIRLANT, Norfolk, 57012</b>					
ACDU	0	2	AOC	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>2</b>			
<b>COMSTKFITWING DET, Beaufort, 3006A</b>					
ACDU	0	1	AO1	6801	
	0	3	AO2	6801	
	0	3	AO3	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>7</b>			
<b>CV 67 USS John F. Kennedy, 03367</b>					
ACDU	0	7	AOC	6801	
	0	26	AO1	6801	
	0	27	AO2	6801	
SELRES	0	2	AO1	6801	
	0	7	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>69</b>			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>CVN 65 USS Enterprise, 03365</b>					
ACDU	0	1	AOC	6801	
	0	9	AO1	6801	
	0	1	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	11			
<b>CVN 69 USS Dwight D. Eisenhower, 03369</b>					
ACDU	0	5	AOC	6801	
	0	24	AO1	6801	
	0	32	AO2	6801	
SELRES	0	4	AOC	6801	
	0	5	AO1	6801	
	0	4	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	74			
<b>CVN 71 USS Theodore Roosevelt, 21247</b>					
ACDU	0	6	AOC	6801	
	0	22	AO1	6801	
	0	37	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	75			
<b>CVN 73 USS George Washington, 21412</b>					
ACDU	0	5	AOC	6801	
	0	25	AO1	6801	
	0	33	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	73			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>CVN 75 USS Harry S. Truman, 21853</b>					
ACDU	0	4	AOC	6801	
	0	23	AO1	6801	
	0	29	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
<b>CVN 75 USS Harry S. Truman, 21853, FY04 Increment</b>					
ACDU	0	4	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	70			
<b>CVN 76 USS Ronald Reagan, 22178</b>					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	75			
<b>LHA 2 USS Saipan, 20632</b>					
ACDU	0	2	AOC	6801	
	0	6	AO1	6801	
	0	10	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	18			
<b>LHA 4 USS Nassau, 20725</b>					
ACDU	0	2	AOC	6801	
	0	6	AO1	6801	
	0	10	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	18			
<b>LHD 1 USS Wasp, 21560</b>					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	12			
<b>LHD 3 USS Kearsarge, 21700</b>					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	12			

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			
<b>LHD 5 USS Bataan, 21879</b>					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>LHD 7 USS Iwo Jima, 23027</b>					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>MTU 3040 NAMTRAGRU DET Mayport, 66069</b>					
ACDU	0	2	AOC	6801	9502
	0	2	AO1	6801	9502
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>4</b>			
<b>MTU 4032 NAMTRAU Norfolk, 66046</b>					
ACDU	0	1	AOC	6801	9502
	0	3	AO1	6801	9502
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>4</b>			
<b>Naval Air Facility Mildenhall, England, 57032</b>					
ACDU	0	1	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>1</b>			
<b>Naval Ordnance Center, Indian Head, 68963</b>					
USMC	0	1	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>1</b>			
<b>Naval Weapons Station, Charleston, 00193</b>					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	2	SGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>5</b>			
<b>SURFLANT AVORD MTT, Norfolk, 48764</b>					
ACDU	0	5	AO1	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>5</b>			

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			
<b>VX 23 Patuxent River, 39783</b>					
ACDU	0	2	AO1	6801	
	0	1	AO2	6801	
	0	5	AO3	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>8</b>			
<b>CNATRA Kingsville, 49149</b>					
ACDU	0	1	AO1	6801	9549
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>1</b>			
<b>CV 63 USS Kitty Hawk, 03363</b>					
ACDU	0	5	AOC	6801	
	0	27	AO1	6801	
	0	36	AO2	6801	
SELRES	0	2	AOC	6801	
	0	4	AO1	6801	
	0	2	AO2	6801	
<b>CV 63 USS Kitty Hawk, 03363, FY03 Increment</b>					
SELRES	0	2	AOC	6801	
	0	4	AO1	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>82</b>			
<b>CV 64 USS Constellation, 00364</b>					
ACDU	0	6	AOC	6801	
	0	10	AO1	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>16</b>			
<b>CVN 68 USS Nimitz, 03368</b>					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>75</b>			
<b>CVN 70 USS Carl Vinson, 20993</b>					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>75</b>			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>CVN 72 USS Abraham Lincoln, 21297</b>					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	75			
<b>CVN 74 USS John C. Stennis, 21847</b>					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	35	AO2	6801	
TAR	0	2	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	75			
<b>LHA 1 USS Tarawa, 20550</b>					
ACDU	0	1	AOC	6801	
	0	5	AO1	6801	
ACDU	0	9	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	15			
<b>LHA 3 USS Belleau Wood, 20633</b>					
ACDU	0	2	AOC	6801	
	0	4	AO1	6801	
	0	8	AO2	6801	
	0	4	AO3	6801	
<b>ACTIVITY TOTAL:</b>	0	18			
<b>LHA 5 USS Peleliu, 20748</b>					
ACDU	0	2	AOC	6801	
	0	5	AO1	6801	
	0	8	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	15			
<b>LHD 2 USS Essex, 21533</b>					
ACDU	0	2	AOC	6801	
	0	7	AO1	6801	
	0	2	AO2	6801	
<b>ACTIVITY TOTAL:</b>	0	11			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>LHD 6 USS Bonhomme Richard, 22202</b>					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>LHD4 USS Boxer, 21808</b>					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>MTU 4033 NAMTRAU North Island, 66065</b>					
ACDU	0	3	AO1	6801	9502
	0	2	AO2	6801	9502
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>5</b>			
<b>MTU 4035 NAMTRAU Whidbey Island, 66058</b>					
ACDU	0	2	AOC	6801	9502
	0	3	AO1	6801	9502
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>5</b>			
<b>Naval Air Facility El Centro, 60042</b>					
ACDU	0	1	AOC	6801	
	0	1	AO1	6801	
	0	5	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>7</b>			
<b>Naval Support Facility Diego Garcia, Chagos Island, 68539</b>					
ACDU	0	1	AO1	6801	
	0	2	AO2	6801	
	0	2	AO3	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>5</b>			
<b>Navy Base Ventura County, Point Mugu, 69232</b>					
ACDU	0	2	AO1	6801	
	0	1	AO2	6801	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>3</b>			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>NAWC Weapons Division Point Mugu, 63126</b>					
ACDU	0	1	AO1	6801	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>Weapons Maintenance Unit One Agana, Guam, 52821</b>					
ACDU	0	1	AOC	6801	
	0	3	AO1	6801	
	0	12	AO2	6801	
	0	4	AO3	6801	
<b>ACTIVITY TOTAL:</b>	0	20			
FLEET SUPPORT ACTIVITIES - USMC					
<b>Blout Island Command, 38450</b>					
USMC	0	1	SGT	6541	
	0	1	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>H&amp;HS MCAS Beaufort, 02031</b>					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	2	SGT	6541	9954
	0	1	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	0	5			
<b>H&amp;HS MCAS New River, 02021</b>					
USMC	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
	0	1	CPL	6541	9954
<b>ACTIVITY TOTAL:</b>	0	5			
<b>H&amp;MS MCAS Cherry Point, 02002</b>					
USMC	0	4	LCPL	6541	
	0	4	CPL	6541	
	0	4	SGT	6541	
	0	3	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	0	15			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>MALS 42 Rotary Wing, Marietta, 09513</b>					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	CPL	6541	
	0	1	GYSGT	6541	
	0	1	SGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	2	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>MALS 49 Rotary Wing, Fort Stewart, 55555</b>					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
AR	0	2	SSGT	6541	
SMCR	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	3	LCPL	6541	
	0	1	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>MALS Fixed Wing (East Coast), 00000</b>					
USMC	0	18	CPL	6541	
	0	8	GYSGT	6541	
	0	40	LCPL	6541	
	0	14	SGT	6541	
	0	8	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>88</b>			
<b>MALS Rotary Wing (East Coast), 00000</b>					
USMC	0	2	CPL	6541	
	0	4	GYSGT	6541	
	0	10	LCPL	6541	
	0	2	SGT	6541	
	0	6	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>24</b>			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>Marine Corps Personnel, Department of the Navy, 00000</b>					
USMC	0	2	CPL	6541	
	0	7	GYSGT	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>13</b>			
<b>VMAT 203, Cherry Point, 45483</b>					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	2	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>5</b>			
<b>H&amp;HS Futenma, Japan, 02601</b>					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>12</b>			
<b>H&amp;HS Iwakuni, Japan, 02501</b>					
USMC	0	1	CPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>6</b>			
<b>H&amp;HS MCAS Camp Pendleton, 02208</b>					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	2	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>9</b>			
<b>H&amp;HS MCAS Miramar, 02201</b>					
USMC	0	2	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>9</b>			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>H&amp;HS MCAS Yuma, 02230</b>					
USMC	0	2	GYSGT	6541	
	0	7	LCPL	6541	
	0	4	SGT	6541	
	0	4	SSGT	6541	
	0	1	SSGT	6541	9954
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>18</b>			
<b>HMT 303 Camp Pendleton, 55176</b>					
USMC	0	3	LCPL	6541	
	0	3	SGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>6</b>			
<b>MALS 24 Kaneohe Bay, 02300</b>					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
	0	2	CPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>6</b>			
<b>MALS 41 Fixed Wing, Fort Worth, 03007</b>					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
	0	2	SSGT	6541	
SMCR	0	7	CPL	6541	
	0	1	GYSGT	6541	
	0	20	LCPL	6541	
	0	5	SGT	6541	
	0	2	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>44</b>			
<b>MALS Fixed Wing (West Coast), 00000</b>					
USMC	0	27	CPL	6541	
	0	12	GYSGT	6541	
	0	60	LCPL	6541	
	0	21	SGT	6541	
	0	12	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>132</b>			

**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			
<b>MALS Rotary Wing (West Coast), 00000</b>					
USMC	0	3	CPL	6541	
	0	6	GYSGT	6541	
	0	15	LCPL	6541	
	0	3	SGT	6541	
	0	9	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>36</b>			
<b>Marine Aviation Detachment, China Lake, 06117</b>					
USMC	0	1	GYSGT	6541	
	0	1	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>2</b>			
<b>Marine Wing Site Support, Fort Worth, 03007</b>					
USMC	0	1	GYSGT	6541	
	0	1	SGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>2</b>			
<b>MAWTS 1 Yuma, 55167</b>					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>2</b>			
<b>MCAF Kaneohe Bay, 02303</b>					
USMC	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>7</b>			
<b>MCAGCC Twentynine Palms, 67399</b>					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	1	SGT	6541	
AR	0	5	CPL	6541	
	0	7	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>20</b>			
<b>VMAT 101 MCAS Miramar, 09965</b>					
USMC	0	3	CPL	6541	
	0	6	LCPL	6541	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>9</b>			

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 OPERATIONAL ACTIVITIES - USMC													
SGT	6541		3		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
CPL	6541		144		0		0		0		0		0
GYSGT	6541		8		0		0		0		0		0
LCPL	6541		203		0		0		0		0		0
SGT	6541		52		0		0		0		0		0
SSGT	6541		20		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR													
SGT	6541		25		0		0		0		0		0
SSGT	6541		4		0		0		0		0		0
CPL	6541		1		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR													
CPL	6541		4		0		0		0		0		0
GYSGT	6541		4		0		0		0		0		0
LCPL	6541		26		0		0		0		0		0
SGT	6541		3		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6801		115		0		0		0		0		0
AOC	6801 9502		5		0		0		0		0		0
AO1	6801		414		0		0		0		0		0
AO1	6801 0812		1		0		0		0		0		0
AO1	6801 9502		11		0		0		0		0		0
AO1	6801 9549		1		0		0		0		0		0
AO2	6801		473		0		0		4		0		0
AO2	6801 9502		2		0		0		0		0		0
AO2	6810 6801		0		0		0		0		0		0
AO3	6801		47		0		0		0		0		0
CPL	6541		2		0		0		0		0		0
GYSGT	6541		1		0		0		0		0		0
SGT	6541		2		0		0		0		0		0
SSGT	6541		1		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - TAR													
AO2	6801		2		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - SELRES													
AOC	6801		16		0		1		0		0		0
AO1	6801		23		0		2		0		0		0
AO2	6801		22		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
USMC FLEET SUPPORT ACTIVITIES - USMC													
CPL	6541		70		0		0		0		0		0
GYSGT	6541		52		0		0		0		0		0
LCPL	6541		172		0		0		0		0		0
SGT	6541		73		0		0		0		0		0
SGT	6541	9954	2		0		0		0		0		0
SSGT	6541		61		0		0		0		0		0
SSGT	6541	9954	1		0		0		0		0		0
CPL	6541	9954	1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR													
CPL	6541		6		0		0		0		0		0
GYSGT	6541		2		0		0		0		0		0
LCPL	6541		7		0		0		0		0		0
SGT	6541		1		0		0		0		0		0
SSGT	6541		4		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
CPL	6541		8		0		0		0		0		0
GYSGT	6541		4		0		0		0		0		0
LCPL	6541		27		0		0		0		0		0
SGT	6541		5		0		0		0		0		0
SSGT	6541		5		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
<b>SUMMARY TOTALS:</b>													
USN OPERATIONAL ACTIVITIES - USMC													
		3		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - USMC													
		427		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - AR													
		30		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - SMCR													
		37		0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - USMC													
		6		0		0		0		0		0	
		1069		0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - TAR													
		2		0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - SELRES													
		61		0		3		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
		432		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - AR													
		20		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - SMCR													
		49		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
<b>GRAND TOTALS:</b>													
USN - ACDU			1069		0		0		4		0		0
			9		0		0		0		0		0
USN - TAR			2		0		0		0		0		0
USN - SELRES			61		0		3		0		0		0
USMC - USMC			859		0		0		0		0		0
USMC - AR			50		0		0		0		0		0
USMC - SMCR			86		0		0		0		0		0

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

**SOURCE OF SCHEDULE:** NAVAIR 3.1.1

**DATE:** March 2002

**SOURCE OF NAVY MANPOWER:** Total Force Manpower Management System (TFMMS)

**DATE:** June 2002

<b>ACTIVITY, UIC</b>	<b>PFYs</b>	<b>CFY03</b>	<b>FY04</b>	<b>FY05</b>	<b>FY06</b>	<b>FY07</b>
FLEET SUPPORT ACTIVITIES - USN						
CV 64 USS Constellation, 00364	0	1	0	0	0	0
<b>TOTAL:</b>	0	1	0	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
FLEET SUPPORT ACTIVITIES - USN					
<b>CV 64 USS Constellation, 00364, FY03 Increment</b>					
ACDU	0	6	AOC	6801	
	0	10	AO1	6801	
<b>ACTIVITY TOTAL:</b>	0	16			

**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
USN FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6801		6	-6		0		0		0		0	
AO1	6801		10	-10		0		0		0		0	
<b>SUMMARY TOTALS:</b>													
USN FLEET SUPPORT ACTIVITIES - ACDU													
			16	-16		0		0		0		0	
<b>GRAND TOTALS:</b>													
USN - ACDU													
			16	-16		0		0		0		0	

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

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

**TRAINING ACTIVITY, LOCATION, UIC:** MTU 4030 NAMTRAGRU DET Mayport, 66069

**INSTRUCTOR BILLETS**

USN														
AOC	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
<b>TOTAL:</b>			0	4	0	4	0	4	0	4	0	4	0	4

**TRAINING ACTIVITY, LOCATION, UIC:** MTU 4032 NAMTRAU Norfolk, 66046

**INSTRUCTOR BILLETS**

USN														
AOC	6801	9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	0	3	0	3	0	3	0	3	0	3	0	3
<b>TOTAL:</b>			0	4	0	4	0	4	0	4	0	4	0	4

**TRAINING ACTIVITY, LOCATION, UIC:** MTU 4033 NAMTRAU North Island, 66065

**INSTRUCTOR BILLETS**

USN														
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
AO2	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
<b>TOTAL:</b>			0	4	0	4	0	4	0	4	0	4	0	4

**TRAINING ACTIVITY, LOCATION, UIC:** NAMTRA MARUNIT Cherry Point, 45483

**INSTRUCTOR BILLETS**

USMC														
SGT	6541		0	19	0	19	0	19	0	19	0	19	0	19
SSGT	6541		0	2	0	2	0	2	0	2	0	2	0	2
<b>TOTAL:</b>			0	21	0	21	0	21	0	21	0	21	0	21

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

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 4035 NAMTRAU Whidbey Island, 66058

**INSTRUCTOR BILLETS**

USN														
AOC	6801	9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
<b>TOTAL:</b>			0	3	0	3	0	3	0	3	0	3	0	3

**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 4030 NAMTRAGRU DET Mayport, 66069	USN	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
MTU 4032 NAMTRAU Norfolk, 66046	USN	0.0	16.2	0.0	16.3	0.0	16.7	0.0	16.5	0.0	16.5	0.0	16.5
NAMTRA MARUNIT Cherry Point, 45483	USMC	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5
MTU 4033 NAMTRAU North Island, 66065	USN	0.0	1.4	0.0	11.4	0.0	11.0	0.0	11.0	0.0	11.0	0.0	11.0
MTU 4035 NAMTRAU, Whidbey Island, 66058	USN	0.0	4.9	0.0	4.9	0.0	4.9	0.0	4.9	0.0	4.9	0.0	4.9
<b>SUMMARY TOTALS:</b>													
	USN	0.0	34.5	0.0	34.6	0.0	34.6	0.0	34.4	0.0	34.4	0.0	34.4
	USMC	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5
<b>GRAND TOTALS:</b>													
		0.0	86.0	0.0	86.1	0.0	86.1	0.0	85.9	0.0	85.9	0.0	85.9

**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

a. OFFICER - USN            Not Applicable

**b. ENLISTED - USN**

Fleet Support Billets ACDU and TAR

AOC	6801		115	-6	109	0	109	0	109	0	109	0	109
AOC	6801	9502	5	0	5	0	5	0	5	0	5	0	5
AO1	6801		414	-10	404	0	404	0	404	0	404	0	404
AO1	6801	0812	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	11	0	11	0	11	0	11	0	11	0	11
AO1	6801	9549	1	0	1	0	1	0	1	0	1	0	1
AO2	6801		475	0	475	0	479	4	479	0	479	0	479
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO3	6801		47	0	47	0	47	0	47	0	47	0	47

Staff Billets ACDU and TAR

AOC	6801	9502	4	0	4	0	4	0	4	0	4	0	4
AO1	6801	9502	9	0	9	0	9	0	9	0	9	0	9
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2

Chargeable Student Billets ACDU and TAR

			35	0	35	0	35	0	35	0	35	0	35
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SELRES Billets

AOC	6801		166	2	18	0	18	0	18	0	18	0	18
AO1	6801		23	4	27	2	27	0	27	0	27	0	27
AO2	6801		22	0	22	0	22	0	22	0	22	0	22

**TOTAL USN ENLISTED BILLETS:**

Fleet Support			1071	-16	1055	4	1059	0	1059	0	1059	0	1059
Staff			15	0	15	0	15	0	15	0	15	0	15
Chargeable Student			35	0	35	0	35	0	35	0	35	0	35
SELRES			61	6	67	0	67	0	67	0	67	0	67

**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

**c. OFFICER - USMC**      Not Applicable

**d. ENLISTED - USMC**

Operational Billets USMC and AR

CPL	6541		145	0	145	0	145	0	145	0	145	0	145
GYSGT	6541		8	0	8	0	8	0	8	0	8	0	8
LCPL	6541		203	0	203	0	203	0	203	0	203	0	203
SGT	6541		80	0	80	0	80	0	80	0	80	0	80
SSGT	6541		24	0	24	0	24	0	24	0	24	0	24

Fleet Support Billets USMC and AR

CPL	6541		78	0	78	0	78	0	78	0	78	0	78
CPL	6541	9954	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6541		55	0	55	0	55	0	55	0	55	0	55
LCPL	6541		179	0	179	0	179	0	179	0	179	0	179
SGT	6541		76	0	76	0	76	0	76	0	76	0	76
SGT	6541	9954	2	0	2	0	2	0	2	0	2	0	2
SSGT	6541		66	0	66	0	66	0	66	0	66	0	66
SSGT	6541	9954	1	0	1	0	1	0	1	0	1	0	1

Staff Billets USMC and AR

SGT	6541		19	0	19	0	19	0	19	0	19	0	19
SSGT	6541		2	0	2	0	2	0	2	0	2	0	2

Chargeable Student Billets USMC and AR

			52	0	52	0	52	0	52	0	52	0	52
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SMCR Billets

CPL	6541		12	0	12	0	12	0	12	0	12	0	12
GYSGT	6541		8	0	8	0	8	0	8	0	8	0	8
LCPL	6541		53	0	53	0	53	0	53	0	53	0	53
SGT	6541		8	0	8	0	8	0	8	0	8	0	8
SSGT	6541		5	0	5	0	5	0	5	0	5	0	5

**TOTAL USMC ENLISTED BILLETS:**

Operational			460	0	460	0	460	0	460	0	460	0	460
Fleet Support			458	0	458	0	458	0	458	0	458	0	458
Staff			21	0	21	0	21	0	21	0	21	0	21
Chargeable Student			52	0	52	0	52	0	52	0	52	0	52
SMCR			86	0	86	0	86	0	86	0	86	0	86

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

**CIN, COURSE TITLE:** D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance  
**COURSE LENGTH:** 6.6 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4030 NAMTRAGRU DET Mayport												
	USN	ACDU		18		18		18		18		18
		SELRES		1		1		1		1		1
MTU 4032 NAMTRAU Norfolk												
	USN	ACDU		146		149		147		147		147
		SELRES		3		3		3		3		3
		TOTAL:		168		171		169		169		169

**CIN, COURSE TITLE:** E-646-7007, General Shipboard Weapons/NAS Weapons Department AVORD Maintenance  
**COURSE LENGTH:** 6.6 Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4033 NAMTRAU North Island												
	USN	ACDU		104		101		101		101		101
		SELRES		1		1		1		1		1
MTU 4035 NAMTRAU Whidbey Island												
	USN	ACDU		44		44		44		44		44
		TAR		1		1		1		1		1
		TOTAL:		150		147		147		147		147

**CIN, COURSE TITLE:** M-646-7026, Aviation Ordnance Technician Intermediate Maintenance  
**COURSE LENGTH:** 13Weeks **NAVY TOUR LENGTH:** 36 Months  
**ATTRITION FACTOR:** Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT Cherry Point												
	USMC	USMC		206		206		206		206		206
		AR		10		10		10		10		10
		SMCR		8		8		8		8		8
		TOTAL:		224		224		224		224		224

## **PART III - TRAINING REQUIREMENTS**

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

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

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

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

**CIN, COURSE TITLE:** D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance  
**TRAINING ACTIVITY:** MTU 4030 NAMTRAGRU DET  
**LOCATION, UIC:** Mayport, 66069

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	18		18		18		18		18	ATIR
	16		16		16		16		16	Output
	2.0		2.0		2.0		2.0		2.0	AOB
	2.0		2.0		2.0		2.0		2.0	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

**TRAINING ACTIVITY:** MTU 4032 NAMTRAU  
**LOCATION, UIC:** Norfolk, 66046

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	146		149		147		147		147	ATIR
	131		134		132		132		132	Output
	16.3		16.7		16.5		16.5		16.5	AOB
	16.3		16.7		16.5		16.5		16.5	Chargeable

**SOURCE:** USN                    **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		3		3		3		3	ATIR
	3		3		3		3		3	Output
	0.4		0.4		0.4		0.4		0.4	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

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

**CIN, COURSE TITLE:** E-646-7007, General Shipboard Weapons/NAS Weapons Department AVORD Maintenance

**TRAINING ACTIVITY:** MTU 4033 NAMTRAU

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

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	104		101		101		101		101	ATIR
	94		91		91		91		91	Output
	11.4		11.0		11.0		11.0		11.0	AOB
	11.4		11.0		11.0		11.0		11.0	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

**TRAINING ACTIVITY:** MTU 4035 NAMTRAU

**LOCATION, UIC:** Whidbey Island, 66058

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	45		45		45		45		45	ATIR
	40		40		40		40		40	Output
	4.9		4.9		4.9		4.9		4.9	AOB
	4.9		4.9		4.9		4.9		4.9	Chargeable

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

**CIN, COURSE TITLE:** M-646-7026, Aviation Ordnance Technician Intermediate Maintenance

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Cherry Point, 45483

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	216		216		216		216		216	ATIR
	216		216		216		216		216	Output
	51.5		51.5		51.5		51.5		51.5	AOB
	51.5		51.5		51.5		51.5		51.5	Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	8		8		8		8		8	ATIR
	8		8		8		8		8	Output
	1.9		1.9		1.9		1.9		1.9	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 CMBRE and, therefore, are not included in Part IV of this NTSP:

### IV.A. Training Hardware

#### IV.A.2. Training Devices

### IV.B. Course Requirements

#### IV.B.1. Training Services

### IV.C. Facility Requirements

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

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

#### IV.C.3. Facility Project Summary by Program

**Note 1:** The new CMBRE course, AN/GYQ-79 Digital Computer Assembly Operation and Maintenance, C646-70XX, is being developed by NAMTRAGRU HQ. Upon completion, curricula materials and training aids will be distributed to all training sites.

**IV.A. TRAINING HARDWARE**

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

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)

**TRAINING ACTIVITY:** MTU 4030 NAMTRAGRU DET

**LOCATION, UIC:** Mayport, 66069

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)

**TRAINING ACTIVITY:** MTU 4032 NAMTRAU

**LOCATION, UIC:** Norfolk, 66046

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

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

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track E-646-7007)

**TRAINING ACTIVITY:** MTU 4033 NAMTRAU

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

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

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

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track E-646-7007)

**TRAINING ACTIVITY:** MTU 4035 NAMTRAU

**LOCATION, UIC:** Whidbey Island, 66058

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track M-646-7026)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

**IV.B COURSE REQUIREMENTS**

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

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)

**TRAINING ACTIVITY:** MTU 4030 NAMTRAGRU DET

**LOCATION, UIC:** Mayport, 66069

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Tests	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)

**TRAINING ACTIVITY:** MTU 4032 NAMTRAU

**LOCATION, UIC:** Norfolk, 66046

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Test	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track E-646-7007)

**TRAINING ACTIVITY:** MTU 4033 NAMTRAU

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

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Tests	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track E-646-7007)

**TRAINING ACTIVITY:** MTU 4035 NAMTRAU

**LOCATION, UIC:** Whidbey Island, 66058

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Tests	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track M-646-7036)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Tests	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

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

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)  
**TRAINING ACTIVITY:** MTU 4030 NAMTRAGRU DET  
**LOCATION, UIC:** Mayport, 66069

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

**TRAINING ACTIVITY:** MTU 4032 NAMTRAU  
**LOCATION, UIC:** Norfolk, 66046

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

**TRAINING ACTIVITY:** MTU 4033 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

**TRAINING ACTIVITY:** MTU 4035 NAMTRAU  
**LOCATION, UIC:** Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

**CIN, COURSE TITLE:** C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track M-646-7026)  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

**PART V - MPT MILESTONES**

<b>COG CODE</b>	<b>MPT MILESTONES</b>	<b>DATE</b>	<b>STATUS</b>
PDA	Began Delivery of CMBRE	FY97	Completed
PDA	Conducted Initial Training	FY97	Completed
PDA	Conducted Munitions Compatibility Test	FY97	Completed
PDA	Conducted Shipboard Demonstration and Validation	FY97	Completed
PDA	Achieved IOC	FY98	Completed
TSA	Delivered Technical Publications to Training Sites	Apr 02	Completed
TSA	Delivered TTE	Apr 02	Completed
TA	Developed Draft NTSP	Sep 02	Completed
TA	Distribute Draft NTSP for Fleet Review	Nov 02	Completed
TA	Complete Development of Follow-on Training	Apr 03	Pending
TA	Deliver Curricula Materials for Follow-on Training	Apr 03	Pending
PDA	Complete Delivery of CMBRE	FY03	Pending
TA	Conduct Trial Follow-on Training	FY03	Pending
PDA	Achieve MSD	FY04	Pending
PDA	Achieve NSD	FY04	Pending
TA	Begin Follow-on Training	FY04	Pending



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

<b>DECISION ITEM OR ACTION REQUIRED</b>	<b>COMMAND ACTION</b>	<b>DUE DATE</b>	<b>STATUS</b>
Conduct Training Effectiveness Evaluation before next update	NAWCWD 486100E	Nov 04	Pending



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