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AN/ARC-182 (V) RADIO SET, N88-NTSP-A-50-8115D/A

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1. Subject NTSP is approved and forwarded per reference (a).
2. Subsequent NTSP review will examine both the effectiveness and efficiency of training outlined in this document.
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FT1 (CNET) (Code ETE32)
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FT78 (NETPDT)(Code 034)

APPROVED

NAVY TRAINING SYSTEM PLAN

FOR THE

AN/ARC-182(V)

RADIO SET

N88-NTSP-A-50-8115D/A

MARCH 2000

AN/ARC-182(V) RADIO SET

EXECUTIVE SUMMARY

This Navy Training System Plan identifies the manpower, personnel, and training requirements associated with the AN/ARC-182(V) Radio Set. The AN/ARC-182(V) is installed and will be installed in many Navy and Marine Corps aircraft. The AN/ARC-182(V) Radio Set is in the Production and Deployment Phase of the Weapon System Acquisition Process.

The AN/ARC-182(V) Radio Set is a radio communications system that provides Navy and Marine Corps aircraft with direct securable communications with land, air, and sea forces. The AN/ARC-182(V), when operated with a C-11984 Control Unit, provides a frequency hopping anti-jam capability in the Ultra-High Frequency mode. This feature is called "HAVE QUICK."

Navy Aviation Electronics Technicians (AT) with the appropriate aircraft-specific Navy Enlisted Classification (NEC) and Marine Corps personnel with the appropriate aircraft-specific Military Occupational Specialty (MOS) perform AN/ARC-182(V) organizational maintenance. AN/ARC-182(V) intermediate level maintenance is performed by ATs with NEC 6611 or by Marine Corps personnel with MOS 6412. Depot maintenance is performed at the Naval Aviation Depot, North Island, California.

Existing skills and manpower levels are sufficient to support the AN/ARC-182(V). No additional manpower is required.

Initial organizational level maintenance training was provided by Naval Aviation Engineering Services Unit representatives as the AN/ARC-182(V) was introduced into each type aircraft. Rockwell Collins conducted initial intermediate level maintenance training for cadre and instructor personnel. Follow-on organizational level training is provided by modifying the appropriate Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) course for each type aircraft to include the AN/ARC-182(V). Maintenance Training Unit (MTU) 1038, NAMTRAGRU DET, Naval Air Station (NAS) Lemoore, California, developed a formal intermediate maintenance course. This intermediate level course is currently taught at the following three locations:

- MTU 1038, NAMTRAGRU DET, NAS Lemoore, California
- MTU 1007, NAMTRAGRU DET, NAS Oceana, Virginia
- MTU 3001, NAMTRAGRU DET, Marine Corps Air Station Cherry Point, North Carolina

AN/ARC-182(V) RADIO SET

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AN/ARC-182(V) RADIO SET

LIST OF ACRONYMS

AEW	Airborne Early Warning
AM	Amplitude Modulation
AMIST	Aviation Maintenance In-Service Training
AMTCS	Aviation Maintenance Training Continuum System
AOB	Average On Board
AT	Aviation Electronics Technician
ATIR	Annual Training Input Requirement
BIT	Built-In Test
CACD	Collins Avionics and Communications Division
CAT	Category
CBT	Computer-Based Training
CFE	Contractor Furnished Equipment
CMC	Commandant Marine Corps
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
COMNAVAIRRESFOR	Commander, Naval Air Reserve Force
COMOPTEVFOR	Commander, Operational Test and Evaluation Force
ECMO	Electronic Countermeasures Officer
ECP	Engineering Change Proposal
FM	Frequency Modulation
FMS	Foreign Military Sales
FRS	Fleet Readiness Squadron
FY	Fiscal Year
GFE	Government Furnished Equipment
HPA	High Power Amplifier
ICAP	Improved Capability
ILSP	Integrated Logistics Support Plan
LAMPS	Light Airborne Multipurpose System
MALS	Marine Aviation Logistics Squadron

AN/ARC-182(V) RADIO SET

LIST OF ACRONYMS

MATMEP	Maintenance Training Management and Evaluation Program
MCAS	Marine Corps Air Station
MHz	Megahertz
MOS	Military Occupational Specialty
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
MWOD	Multiple-Word-Of-Day
NA	Not Applicable
NAESU	Naval Aviation Engineering Services Unit
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAS	Naval Air Station
NATC	Naval Air Test Center
NATEC	Naval Air Technical Data and Engineering Service Command
NATO	North Atlantic Treaty Organization
NAVAIRSYSCOM	Naval Air Systems Command
NAVAVNDEPOT	Naval Aviation Depot
NAVICP	Naval Inventory Control Point
NAVPERSCOM / NPC	Navy Personnel Command
NEC	Navy Enlisted Classification
NFO	Naval Flight Officer
NTSP	Navy Training System Plan
OP-DATE	Operational Date
OPEVAL	Operational Evaluation
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	Office of the Chief of Naval Operations Principal Official
PMA	Program Manager, Air
RFI	Ready for Issue
RFOU	Ready For Operational Use
RFT	Ready For Training
RT	Receiver-Transmitter
SRA	Shop Replaceable Assembly

AN/ARC-182(V) RADIO SET

LIST OF ACRONYMS

TECHEVAL	Technical Evaluation
TFS	Total Force Structure
TOD	Time-Of-Day
TTE	Technical Training Equipment
UCT	Universal Coordinated Time
UHF	Ultra High Frequency
USCG	United States Coast Guard
USMC	United States Marine Corps
VHF	Very High Frequency
WOD	Word-Of-Day
WRA	Weapon Replaceable Assembly

AN/ARC-182(V) RADIO SET

PREFACE

This Proposed Navy Training System Plan (NTSP) for the AN/ARC-182(V) Radio Set updates the Draft NTSP, A-50-8115D/D, dated September 1999. Changes were incorporated based on comments received from the Marine Corps Combat Development Command (MCCDC) and the Naval Air Maintenance Group Detachment (NAMTRAGRU DET) 1038.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. **Nomenclature-Title-Acronym.** AN/ARC-182(V) Radio Set
2. **Program Element.** 64203N

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 (N880G)
- OPO Resource Sponsor CNO (N880G)
- Marine Corps Program Sponsor..... CMC (ASL-34)
- Developing Agency..... NAVAIRSYSCOM (PMA205)
- Training Agency CINCLANTFLT
CINCPACFLT
CNET
COMNAVRESFOR
- Training Support Agency..... NAVAIRSYSCOM (PMA209)
COMNAVRESFOR
- Manpower and Personnel Mission Sponsor CNO (N12)
NAVPERSCOM (PERS-4, PERS-404)
- Director of Naval Training CNO (N7)
- Commander, Reserve Program Manager COMNAVRESFOR
(N4311)
- Marine Corps Force Structure (MCCDC) TFS Division

D. SYSTEM DESCRIPTION

1. Operational Uses. The AN/ARC-182(V) is a radio communications system that provides Navy and Marine Corps aircraft with direct securable communications with land, air, and sea forces. The system enables Amplitude Modulation (AM), Frequency Modulation (FM), and data link communications in the Very High Frequency (VHF) and Ultra-High Frequency (UHF) bands. When operated with a C-11984 Control Unit, the system provides a frequency hopping, anti-jam capability in the UHF mode. This feature is called "HAVE QUICK". The system is compatible with commercial and international airway communications for safety of flight.

2. Foreign Military Sales. The AN/ARC-182 (V) is installed on various platforms delivered to Foreign Military Sales (FMS) customers. The United States Coast Guard (USCG) procured 45 AN/ARC-182(V) Radio Sets in Fiscal Year (FY)90.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. Technical Evaluation (TECHEVAL) was successfully conducted from June to September 1982. TECHEVAL consisted of laboratory tests at the Naval Avionics Center, Indianapolis, Indiana, and at the Naval Surface Weapons Center, Dahlgren, Virginia. Flight and ground tests were conducted at the Naval Air Test Center (NATC), Patuxent River, Maryland. The AN/ARC-182(V) system was tested in the A-6E, A-7E, E-2C, F-4J, F-14A, UH-1N, and CH-46E aircraft.

NATC personnel completed Operational Evaluation (OPEVAL) in the E-2C, F-14A, CH-46E, and CH-53D aircraft in May 1983. The Commander, Operational Test and Evaluation Force (COMOPTEVFOR) completed operational test and evaluation of the AN/ARC-182(V) in May 1983. OPEVAL for the HAVE QUICK mode of the AN/ARC-182(V) was completed in mid-1984. OPEVAL in the SH-60B Light Airborne Multipurpose System (LAMPS) MK-III was completed by COMOPTEVFOR in February 1990. Follow-on Test and Evaluation were conducted to verify installation as the AN/ARC-182(V) was introduced to each new type aircraft.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The AN/ARC-182(V) Receiver-Transmitter (RT) is a functional replacement for the following radio sets:

CONSOLE MOUNTED RADIOS	AVIONICS BAY MOUNTED RADIOS
AN/ARC-114A	AN/ARC-27
AN/ARC-115A	AN/ARC-51
AN/ARC-159(V)1	AN/ARC-54
AN/ARC-186	AN/ARC-131
	AN/ARC-159(V)2

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The AN/ARC-182(V) UHF/VHF Radio provides Navy and Marine Corps aircraft with direct securable communications with elements of air, sea, and land forces. It is compatible with commercial and international airway communications for safety of flight. The HAVE QUICK frequency hopping mode of the AN/ARC-182(V) is not available with early model AN/ARC-182(V)s using the RT-1250 RT. (See Table I-1 for a list of the ARC-182(V) family of equipment). The AN/ARC-182(V) transmits and receives AM or FM signals over a large frequency range.

HAVE QUICK is an anti-jam waveform that uses frequency hopping techniques. For two or more radios to successfully communicate on a HAVE QUICK NET, the following three conditions must occur:

- Each radio must have the same Time-Of-Day (TOD).
- Each radio must have the same Word-Of-Day (WOD).
- Each radio must be operating on the same NET.

a. HAVE QUICK NET Modes. A NET number selects the Frequency Table that will be used. Part of the NET number also determines the Mode for the type of NET to be used. NET Modes are listed below:

(1) COMBAT Mode

(a) HAVE QUICK I. There are 1000 HAVE QUICK I NETs.

(b) North Atlantic Treaty Organization (NATO). There are 1000 HAVE QUICK II NATO NETs.

(c) Non-NATO. There are 1000 HAVE QUICK II Non-NATO NETs.

(2) Training Modes

(a) Training-NETs. There are five HAVE QUICK I Training NETs.

(b) FM Training-NETs. There are 16 HAVE QUICK II Training NETs.

(3) Word-Of-Day and Multiple-Word-Of-Day. A WOD is a transmission security variable that consists of six segments of six digits each. The WOD is loaded into the unit to key the HAVE QUICK system to the proper hopping pattern, rate, and dwell time.

Each HAVE QUICK II unit has the capability of storing Combat WODs or Multiple-Word-Of-Days (MWOD), or training WODs or MWODs.

(4) Time-Of-Day. A TOD is a signal that synchronizes HAVE QUICK units to a common time-base for anti-jam operation.

There are two methods of time distribution to use with HAVE QUICK. One method involves a HAVE QUICK radio using the self-start (Emergency Time Start) mode and then acting as a master clock to transmit that time to the other units. The second method involves all units receiving Universal Coordinated Time (UCT). Since time references provided by sources can differ, and time validity is from four to six hours, a time distribution method must be established to ensure the necessary synchronization.

In the HAVE QUICK II System, the Operational Date (Op-Date) is a part of the TOD that also is very important. The Op-Date is automatically loaded and then the UCT is used; otherwise, the Op-Date must be manually entered into the unit.

TABLE I-1 AN/ARC-182(V) FAMILY OF EQUIPMENT		
NOMENCLATURE	PART NUMBER	DESCRIPTION
Remote-Mounted Receiver-Transmitters:		
RT-1250A/ARC	622-6321-001	Remote RT with 1553B interface
RT-1360A/ARC	622-6323-001	Production configuration without 1553 interface
RT-1379A/ASW	622-5663-002	Data link with 1553 interface (only on F/A-18) Contractor Furnished Equipment (CFE) only
RT-1498/ARC	622-7655-001	RT with Command Activated Sonobuoy System and Directional Command Activated Sonobuoy System capability
Panel-Mounted Receiver-Transmitters:		
RT-1324A/ARC	622-6322-001	Red light
RT-1629/ARC	622-6322-004	Night Vision green light
E-2C Guard Receiver:		
515F-1	622-1794-002	Stand-alone guard receiver

TABLE I-1 AN/ARC-182(V) FAMILY OF EQUIPMENT

NOMENCLATURE	PART NUMBER	DESCRIPTION
Remote Control Sets:		
C-10319B/ARC	622-9313-001	With Semi-Active Bus (E-2C only)
C-10319A/ARC	622-6324-001	Red light
C-10776A/ARC	622-6324-002	White light
C-11131/ARC	622-6324-003	Blue light
C-12109/ARC	622-6324-004	Night Vision compatible light
C-11984/ARC	901625-801	HAVE QUICK control, red light (Engineering Change Proposal (ECP)-1046)
C-10320/ARC	622-4931-001	Switching unit control, no Built-In Test (BIT), red light
C-11628/ARC	622-8522-001	Switching unit control with BIT, red light
C-11132A/ARC	622-6325-003	Switching unit control with BIT, blue light
C-12108/ARC	622-6322-002	Night Vision compatible SA-2498/ARC control
C-11128/ARC	707230-801	HAVE QUICK I control (red)
C-12110/ARC	622-4931-003	Night Vision compatible light
Switching Units:		
SA-2157A/ARC	622-6327-001	Preproduction Switching unit, without BIT
SA-2498/ARC	622-8560-001	Preproduction Switching unit, with BIT
Frequency Channel Indicators:		
ID-2121A/ARC	622-6326-001	HAVE QUICK compatible, red light
Mounting Bases:		
MT-2653/ARC	622-2298-004	RF mount

TABLE I-1 AN/ARC-182(V) FAMILY OF EQUIPMENT

NOMENCLATURE	PART NUMBER	DESCRIPTION
MT-4934/ARC	622-4933-001	Hard mount, remote radio
MT-4935/ARC	622-4934-001	Isolated mount, remote radio
MT-4609/ARC-159V	622-1025-001	Solid mount, switching unit
MT-6330/ARC	622-7473-001	E-2C mount
MT-6330A/ARC	622-7473-002	Modified E-2C mount
991S-1	622-2024-001	Guard receiver mount
Antennas:		
AS-3191/A	622-1634-010	Blade antenna
938K-1	013-1616-010	Blade antenna (black)
938K-2	013-1641-010	Blade antenna (white)
938K-2A	013-1636-060	Chelton blade (white)
938K-2A	013-1616-010	Chelton blade (black)
AS-3881/ASQ	12-190-12MP15	Chelton tunable antenna (CFE)
C-11849/ASQ	7-15PIN15M	Antenna Logic Unit (CFE)
Filters:		
F-1556/ARC	622-7471/001	Tunable bandpass filter
F-1556A/ARC	622-7471-002	Tunable bandpass (with power reset)
F-1556B/ARC	822-0614-001	Analyzer Filter
835T1	251-0775-010	88-108 megahertz (MHz) notch filter
F-1609/ASQ	7-55M	Low pass filter
F-1610/ASQ	7-53M	High pass filter

TABLE I-1 AN/ARC-182(V) FAMILY OF EQUIPMENT		
NOMENCLATURE	PART NUMBER	DESCRIPTION
Note: Approved and funded ECP-272R2 and ECP-13R2 will modify all F-1556 and F-1556A filters to the F-1556B configuration.		
E-2C Unique Equipment:		
F-1556A/ARC	622-7471-002	Bandpass filter (E-2C only)
F-1556/ARC	622-6328-001	Bandpass filter (E-2C only)
AM-7177A/ARC	622-6330-002	30 watt AM Radio Frequency Amplifier
MT-6330/ARC	622-7473-001	Electrical mounting base (isolated mount)
MT-6330A/ARC	622-7473-002	Electrical mounting base (isolated mount)
F-1556B/ARC	822-0614-001	Analyzer Filter (E-2C only)
Shop Replaceable Assemblies (SRA) Common to the RT-1250A/ARC (Government Furnished Equipment (GFE))/RT-1379A/ASW (CFE):		
A2	647-3487-002	Synthesizer module
A4	641-4324-003	Main receiver module
A5	641-4325-003	Power supply module
A6	641-4326-003	Transmitter module
SRAs Common to the RT-1250A/ARC and RT-1486/A:		
A1	647-3488-002	Control, receiver-transmitter module
A3	641-4323-003	Radio, guard receiver module
A5	641-4325-003	Power supply module
A6	641-4326-003	Transmitter module
A7	651-7798-002	Chassis module

TABLE I-1 AN/ARC-182(V) FAMILY OF EQUIPMENT		
NOMENCLATURE	PART NUMBER	DESCRIPTION
SRAs Common to the RT-1250A/ARC and RT-1498/ARC:		
A1	647-3488-002	Control, receiver-transmitter module
A2	647-3487-002	Synthesizer module
A3	641-4323-003	Radio, guard receiver module
A4	641-4324-003	Main receiver module
A5	641-4325-003	Power supply module

2. Physical Description. The individual aircraft installation configurations consist of cockpit panel-mounted transceivers, remote control transceivers with control units, and the appropriate aircraft antenna. These basic installations may be supplemented with remote frequency indicators, channel indicators, filters, amplifiers, and separately controlled switching equipment. This optional equipment provides an automatic relay capability when the AN/ARC-182(V) radio set is interconnected with another AN/ARC-182(V) or AN/ARC-159(V) radio set. This interconnection permits one radio set to automatically retransmit signals being received by the other. The AN/ARC-182(V) equipment family includes the following major components. (See Table I-1 for model and part numbers).

a. Remote-Mounted Receiver-Transmitters. Each remote-mounted RT is 4.875 inches high, 5.0 inches wide, and 9.0 inches long, weighing ten pounds.

b. Panel-Mounted Receiver-Transmitters. Each console-mounted transceiver is 4.875 inches high, 5.75 inches wide, and 8.0 inches long, weighing ten pounds.

c. Radio Set Control. The half-size control fits in a standard panel opening, 2.25 inches high, 5.75 inches wide, and 5.5 inches deep. It is used in conjunction with the RT-1250A/ARC, or other remote mounted AN/ARC-182(V) RTs. It provides frequency control and mode selection. It can also be used with the panel-mounted RT when a dual control installation is desired. Control selection is through a TAKE COMMAND line.

d. HAVE QUICK II Radio Set Control. The HAVE QUICK II control provides remote control of the AN/ARC-182(V) Radio Set in normal operation, or during operation in the HAVE QUICK II mode. It is 2.25 inches high, 5.75 inches wide, and 5.5 inches deep, weighing three pounds.

e. Switching Unit Control. The switching unit control, in conjunction with a switching unit, provides the operator with a means of selecting the RELAY mode and the ENCRYPTED VOICE modes. The control is 2.25 inches high, 5.75 inches wide, and 3.7 inches deep, weighing approximately three pounds.

f. Switching Unit. The switching unit is used during auto-relay of secure voice communications. The switching unit is 3.1 inches high, 3.1 inches wide, and 8.5 inches long, weighing 3.5 pounds.

g. Frequency-Channel Indicators. These indicators provide frequency and preset channel readouts for installations where the RT or the control unit is not readily visible by the pilots or operators. The indicator is 1.325 inches high by 3.3 inches wide, weighing 1.1 pounds.

h. Antenna (Tail Cap and Ventral Fin). The antenna element becomes a part of existing tail cap designs; therefore, a different version is required for each aircraft type.

i. Antenna (Blade). The antenna for the AN/ARC-182(V) has the same size and form factor as the AS-1108 antenna currently in the Navy inventory. The AS-3191/A blade antenna is designed for use on subsonic aircraft.

j. Filter. The filter provides co-location operation for the RT-1250A/ARC RECEIVE and TRANSMIT modes. The UHF filter is 4.9 inches high, 3.65 inches wide, and 15.8 inches deep, weighing 7.5 pounds.

k. High Power Amplifier. The High Power Amplifier (HPA) provides amplification to 30 watts in the 225-400 MHz UHF frequency band for the RT-1250A/ARC. The HPA is 4.6 inches high, 5.0 inches wide, and 4.9 inches deep, weighing 4.2 pounds.

l. Mounting Base. The mounting base is used with the RT-1250A/ARC, the AM-7177A/ARC, and the F-1556A/ARC and fits in the same space as an AN/ARC-51 transceiver. The dimensions with a full-up system are 9.5 inches wide, 7.5 inches high, and 17.5 inches deep, weighing 32.5 pounds (the mounting base alone weighs 10.8 pounds).

3. New Development Introduction. The AN/ARC-182(V) has been retrofitted into operational aircraft. The system is installed in new aircraft during production.

4. Significant Interfaces. The AN/ARC-182(V) interfaces and is fully compatible with other airborne, shore, and ship UHF communications systems. The AN/ARC-182(V) radio system, with the exception of the RT-1360A/ARC, interfaces with other onboard avionics through a MIL-STD-1553B data bus, if the aircraft is so equipped. The AN/ARC-182(V) interfaces with the intercommunications systems in all configurations.

5. New Features, Configurations, or Material. ECP-1046 incorporated HAVE QUICK capability to the AN/ARC-182(V).

H. CONCEPTS

1. Operational Concept. The pilot or other crewmembers operate the AN/ARC-182(V).

2. Maintenance Concept. AN/ARC-182(V) maintenance is performed per organizational, intermediate, and depot level maintenance procedures outlined in the Naval Aviation Maintenance Program (NAMP), OPNAVINST 4790.2G.

a. Organizational

(1) Preventive Maintenance. AN/ARC-182(V) organizational level preventive maintenance is limited to corrosion control. Corrosion control procedures are performed per the NAVAIR 16-1-540 and NAVAIR 01-1A-509 Maintenance Instruction Manuals.

(2) Corrective Maintenance. AN/ARC-182(V) organizational level corrective maintenance is performed by squadron Aviation Electronics Technicians (AT) with the appropriate aircraft Navy Enlisted Classification (NEC) and Marine Corps personnel with the appropriate aircraft Communication, Navigation, and Identification Military Occupational Specialty (MOS). Organizational level maintenance involves the repair and replacement of consumable wiring, connectors, radio frequency cabling, external lamps, fuses, and relays. Built-In Test (BIT) and operational testing procedures are used to isolate problems to a faulty Weapon Replaceable Assembly (WRA) or antenna. Faulty WRAs are sent to the intermediate level repair facility and are replaced with Ready For Issue (RFI) WRAs to return the system to a full operational condition.

b. Intermediate. ATs with NEC 6611 and Marine Corps personnel with MOS 6412 from Work Center 610 maintain the AN/ARC-182(V). Intermediate level corrective maintenance consists of isolating and verifying faulty WRAs and replacing faulty SRAs. Isolation and verification of faulty WRAs is performed using the ARM-200A Test Set.

Intermediate maintenance personnel replace faulty SRAs in all AN/ARC-182(V) WRAs except for the following items: the C-10319A, C-10319B, C-10319 (XN-1/TH/5), AM-7177A, F-1556, F-1556A, F-1556B, MT-6330, MT-6330A, C-11128, C-11984, C-10776A, C-10777, SA-2498, and 515F-1. These items are repaired at the depot level. The AS-3191 antenna is a consumable item and, therefore, is not repaired. Defective SRAs are sent to the Naval Aviation Depot (NAVAVNDEPOT) North Island for depot level maintenance.

c. Depot. The AN/ARC-182(V) depot level maintenance is performed at Singapore Rockwell. Depot level maintenance includes repair of WRAs and SRAs to the piece-part level. Repaired assemblies are verified as RFI and returned to the supply system.

d. Interim Maintenance. Not Applicable (NA)

e. Life-Cycle Maintenance Plan. NA

3. Manning Concept. Manpower requirements for the AN/ARC-182(V) are based on the total workload and skills needed to maintain these systems. Manpower was previously in place for radios replaced by the AN/ARC-182(V). Navy ATs with the appropriate aircraft NEC, and Marine Corps personnel with the appropriate MOS for each type aircraft perform organizational maintenance. Navy ATs with NEC 6611 and Marine Corps personnel with MOS 6412 perform intermediate maintenance. Existing skill levels and manpower are sufficient to support the maintenance requirements of the AN/ARC-182(V).

4. Training Concept. Operator training for the AN/ARC-182(V) is provided during pilot and aircrew training at the aircraft-specific Fleet Readiness Squadrons (FRS). Organizational level maintenance training for Navy and Marine Corps personnel is provided through Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) courses for each type of aircraft and are conducted at Maintenance Training Unit (MTU) activities. AN/ARC-182(V) intermediate level training for AT 6611 and MOS 6412 personnel are conducted by:

- MTU 1038, NAMTRAGRU DET Naval Air Station (NAS) Lemoore, California
- MTU 1007, NAMTRAGRU DET NAS Oceana, Virginia
- MTU 3001, NAMTRAGRU DET Marine Corps Air Station (MCAS) Cherry Point, North Carolina.

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

Selected Reserve personnel may earn intermediate level maintenance NECs by attending formal training at NAMTRAGRU DETs providing a quota and funding are available, and the student is available to attend the training. Specific guidelines are contained in NEC Manual, NAVPERS 18068F Volume II, Chapter IV, NEC.

a. Initial Training. The contractor, Collins Avionics and Communications Division (CACD) of Rockwell International, provided initial training to a group of selected military and civilian personnel during the period of January 1983 to September 1985.

(1) Operator. NA

(2) Maintenance. The contractor provided intermediate level maintenance training in the skills required to maintain the AN/ARC-182(V) and its associated test equipment

to selected NAMTRAGRU DET instructors at CACD of Rockwell International in Cedar Rapids, and at NAMTRAGRU DETs Lemoore, Cecil Field, and Oceana during the period of January 1983 to May 1985.

(3) Instructor Training. Initial training for intermediate level instructor personnel from MTUs 1038 and 1039 took place at NAMTRAGRU DET Cecil Field in September 1985.

b. Follow-on Training

(1) Operator. Pilot and Naval Flight Officer (NFO) training courses were updated to include the AN/ARC-182(V) concurrent with the initial installation of the unit in the applicable aircraft. Trained Naval Aviation Engineering Services Unit (NAESU) personnel were available to provide interim training as required. The Naval Air Training and Operating Procedures Standardization (NATOPS) Manuals for each aircraft type were updated to include the AN/ARC-182(V).

Note: In October 1998, NAESU merged with Naval Air Technical Support Facility (NATSF) to form the Naval Air Technical Data and Engineering Service Command (NATEC).

COURSE

NUMBER

COURSE TITLE

D/E-2A-0601	F/A-18 Fleet Replacement Pilot Category (CAT) I
D/E-2A-0602	F/A-18 Fleet Replacement Pilot (Attack) CAT IIA
E-2A-0603	F/A-18 Fleet Replacement Pilot (Fighter) CAT IIF
D/E-2A-0604	F/A-18 Fleet Replacement Pilot CAT IIIA
E-2A-0605	F/A-18 Fleet Replacement Pilot CAT IIIF
D/E-2A-0606	F/A-18 Fleet Replacement Pilot CAT IV
D-2A-1601	F-14 Fleet Replacement Pilot CAT I
D-2A-1602	F-14 Fleet Replacement Pilot CAT II
D-2A-1603	F-14 Fleet Replacement Pilot CAT III
D-2A-1604	F-14 Fleet Replacement Pilot CAT IV
D-2D-1601	F-14 Fleet Replacement NFO CAT I
D-2D-1602	F-14 Fleet Replacement NFO CAT II
D-2D-1603	F-14 Fleet Replacement NFO CAT III
D-2D-1604	F-14 Fleet Replacement NFO CAT IV

COURSE NUMBER	COURSE TITLE
C-2A-3471	E-2/C-2 Aircraft Familiarization (Flight Crew)
D-2B-0301	E-2C Fleet Replacement Pilot CAT I
D-2B-0302	E-2C Group 0 Fleet Replacement Pilot CAT II
D-2B-0303	E-2C Group 0 Fleet Replacement Pilot CAT III
D-2B-0304	E-2C Group 0 Fleet Replacement Pilot CAT IV
D-2B-0341	E-2C Plus Group II Fleet Replacement Pilot CAT I
D-2B-0342	E-2C Plus Group II Fleet Replacement Pilot CAT II
D-2B-0343	E-2C Plus Group II Fleet Replacement Pilot CAT III
D-2A-1101	P-3C Fleet Replacement Pilot CAT I
D-2A-1102	P-3C and P-3C Update 2 Fleet Replacement Pilot CAT II
D-2A-1101	P-3C and P-3C Update Fleet Replacement Pilot CAT III
D-2A-1004	P-3 First Tour Replacement Pilot CAT V(A)
D-2D-1101	P-3 Replacement Pilot CAT V(B)
D/E-2C-2501	SH-60B Fleet Replacement Pilot CAT I
D/E-2C-2502	SH-60B Fleet Replacement Pilot CAT II
D/E-2C-2503	SH-60B Fleet Replacement Pilot CAT III
D/E-2C-2504	SH-60B Fleet Replacement Pilot CAT IV
E-2C-0810	SH-60F Fleet Replacement Pilot CAT I
E-2C-0811	SH-60F Fleet Replacement Pilot CAT II
E-2C-0813	SH-60F Fleet Replacement Pilot CAT IV
E-2C-0814	SH-60F Fleet Replacement Pilot CAT V
C-2C-3396	SH-3 Aircraft Familiarization (Pilots)
D-2C-0530	H-3 Utility Fleet Replacement Pilot CAT I
D-2C-0532	H-3 Fleet Replacement Utility Pilot CAT II
D-2C-0534	H-3 Fleet Replacement Utility Pilot CAT III
D-2C-0536	H-3 Fleet Replacement Utility Pilot CAT V
C-2C-3442	CH-53E Aircraft Familiarization (Pilot)
D-2C-2713	CH-53E Replacement Pilot CAT I
D-2C-2714	CH-53E Replacement Pilot CAT 2
D-2C-2715	CH-53E Replacement Pilot CAT 3
D-2C-2716	CH-53E Replacement Pilot CAT 4
E-2C-2401	CH-46E Replacement Pilot CAT I
E-2C-2402	CH-46E Replacement Pilot CAT II
E-2C-2404	CH-46E Replacement Pilot CAT III

(2) Maintenance

(a) Organizational. As each squadron received its first installation of the AN/ARC-182(V), NAESU personnel provided organizational maintenance training. In addition, the appropriate organizational maintenance course for each type aircraft was modified to include training on the AN/ARC-182(V). These courses are identified in the following table:

COURSE NUMBER	COURSE TITLE	TRACK NUMBER
C-102-9964	F/A-18 Avionics Systems (Initial) Organizational Maintenance	D/E-102-0622
C-102-9904	F-14A/B Avionics System Initial Organizational Maintenance	D-102-1624
C-102-9905	F-14A/B Avionics System Career Organizational Maintenance	D-102-1623
C-102-9898	F-14D Avionics System Initial Organizational Maintenance	D-102-1625
C-102-9899	F-14D Avionics System Career Organizational Maintenance	D-102-1630
C-102-9740	EA-6B Communication Navigation and Radar Systems (Initial) Organizational Maintenance	E-102-1827
C-102-9741	EA-6B Communication Navigation and Radar Systems (Career) Organizational Maintenance	E-102-1823
C-102-9480	E-2C Airborne Early Warning (AEW) Systems Analyst Initial Organizational Maintenance	D-102-0327
C-102-9482	E-2C Group 2 Avionics Organizational Career Maintenance	D/E-102-0325
C-102-9478	E-2C Group 2 AEW Systems Analyst Initial Organizational Maintenance	D/E 102-0328
C-102-9444	MH-53E Communication, Navigation and Identification Systems Career Organizational Maintenance	D-102-2725
C-102-9895	AV-8B Aircraft Communication, Navigation, Identification and Electronic Counter Measures Weapons System Specialist Integrated Organizational Maintenance	M-102-0122
C-102-9586	P-3C Integrated Avionics Systems CP-901(V) ASQ-114(V) Integrated Organizational Maintenance	D/E-102-1029
C-102-9406	SH-60B LAMPS MK-3 Weapon System Technician (Initial) Organizational Maintenance	D/E-102-0820

COURSE NUMBER	COURSE TITLE	TRACK NUMBER
C-102-9409	SH-60B LAMPS MK-3 Weapon System Technician (Career) Organizational Maintenance	D/E-102-0825
C-102-9408	SH-60F/HH-60H Electronics Systems (Initial) Organizational Maintenance	D/E-102-0823
C-102-9407	SH-60F/HH-60H Electronics Systems (Career) Organizational Maintenance	D/E-102-0822
C-102-9404	SH-3H Communication/Navigation System Integrated Organizational Maintenance	D-102-0521
C-102-9945	CH-53A/D/E Communication/Navigation System Integrated Organizational Maintenance	M-102-2731
C-102-3416	H-46 Aircraft Communication Navigation and Identification Systems Organizational Maintenance	M-102-2424

(b) **Intermediate.** Intermediate maintenance training for the AN/ARC-182(V) is available through the existing course, C-102-4017.

Title AN/ARC-182(V) Communications Equipment Intermediate Maintenance

CIN C-102-4017

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

Description This course provides Avionics Technicians with sufficient knowledge of the AN/ARC-182(V) Communication Equipment, including theory, safety, system analysis, and troubleshooting techniques, to perform intermediate maintenance under minimum supervision in the Aircraft Intermediate Maintenance Department working environment using the following test sets: AN/ARM-200A and TS-4110.

Location MTU 1038, NAMTRAGRU DET NAS Lemoore
MTU 1007, NAMTRAGRU DET NAS Oceana
MTU 3001, NAMTRAGRU DET MCAS Cherry Point

Length 19 days

RFT date April 1988

Skill identifier..... AT 6611, MOS 6412

TTE/TD Refer to Part IV for detailed information on TTE.

Prerequisite C-100-2017, Avionics Technician I Level Class A1

Note: To receive NEC 6611 Navy ATs must successfully complete track D/E-102-6152. To receive MOS 6412 Marine Corps personnel must successfully complete track M-102-6412.

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AT 6611 MOS 6412	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1

d. Training Pipelines. The training track revisions required are as follows:

(1) Operator. E-2A-1721, S-3B Pilot Category I Pipeline. The required revision is: Modify E-2A-1708, S-3B Fleet Replacement Pilot Category I, to include the operation of the AN/ARC-182(V) Radio Set.

(2) Organizational Maintenance. D/E-102-1728, S-3B Avionics System (Initial) Organizational Maintenance. The required revision is: Modify C-102-9691, S-3B Avionics System (Initial) Organizational Maintenance, to include the AN/ARC-182(V) Radio Set. No change to course length is required.

(3) Intermediate Level Maintenance

(a) D/E-102-6152, Communications, Automatic Direction Finder, and Internal Communication System Equipment Intermediate Maintenance. No changes are required to C-102-4017, AN/ARC-182(V) Communication Equipment Intermediate Maintenance, in this track track. Course length, 3.0 weeks. Track length, 5.4 weeks.

(b) M-102-6412, Aircraft Communications Equipment Intermediate Maintenance. No changes are required to C-102-4017, AN/ARC-182(V) Communication Equipment Intermediate Maintenance, in this track. Course length, 3.0 weeks. Track length, 11.4 weeks.

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system responsive

to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a bank of test questions managed through automated data processing. The Deputy Chief of Staff for Training assisted in development of MTIP by providing those question banks (software) already developed by the Navy. MTIP was implemented per OPNAVINST 4790.2 series. MTIP allows increased effectiveness in the application of training resources through identification of skills and knowledge deficiencies at the activity, work center, or individual technician level. Refresher training is concentrated where needed to improve identified skill and knowledge shortfalls. MTIP will be replaced by the Aviation Maintenance Training Continuum System (AMTCS). Current planning is for AMTCS to begin full implementation for fleet deployment on 01 October 2000.

COMNAVAIRPAC has discontinued using MTIP. They are currently using maintenance data products as a source to determine maintenance training deficiencies until AMTCS is implemented.

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 is planned to be 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. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Computer-Based Training (CBT) 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.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module (ASM) which provides testing [Test and Evaluation (TEV)], recording [Electronic Training Jacket (ETJ)], 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 (MTL) data bank. These tools are procured and fielded with appropriate Commercial Off the Shelf hardware and software, i.e., Fleet Training Devices (FTD) - Laptops, PCs, Electronic Classrooms (ECR), Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N889H), AMTCS is 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. 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 planned to be replaced by AMTCS in approximately FY02.)

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00019-84-C-0128 N00019-85-C-0201 N00019-86-C-0304 N00019-87-C-0156 N00163-88-C-0207 N00163-89-C-0124 N00163-93-C-0039 N00163-93-C-0040	Rockwell International, Collins Advanced Communications Countermeasures Division	Cedar Rapids, Iowa
N00163-86-C-0292 N00163-88-C-0206	E-Systems	St. Petersburg, Florida
N00019-86-C-0228	Magnavox	Fort Wayne, Indiana

2. Program Documentation. The AN/ARC-182(V) Radio Set Integrated Logistics Support Plan (ILSP) Revision K is dated 30 April 1994.

3. Technical Data Plan. Intermediate level Technical Publications for the AN/ARC-182(V) maintenance training are itemized in Part IV.B.3 of this document. All required publications have been delivered.

4. Test Sets, Tools, and Test Equipment. The Peculiar Support Equipment required at the intermediate level is the ARM-200A or the TS-4110/ARC. However, the TS-4110/ARC Test Set is only being used by Marine Corps personnel when space requirements prohibit the use of the

ARM-200A. The ARM-200A Test Set was developed to eliminate the need for the various test sets previously required to support the AN/ARC-182(V) family of equipment. The following systems are tested on the ARM-200A:

- AN/ARC-182(V) Radio Set and its ancillary equipment
- RT-1379 Data Link
- E-2C peculiar AN/ARC-182(V) equipment
- HAVE QUICK Electronic Counter-Countermeasures Control

The following systems are tested on the TS-4110/ARC:

- C-10319/ARC Control Box
- C-12109/ARC Control Box
- RT-1250A Receiver-Transmitter
- RT-1324A Receiver-Transmitter

5. Repair Parts. The Naval Inventory Control Point (NAVICP), Philadelphia, Pennsylvania, per the approved ILSP and the Maintenance Plan, provisioned the AN/ARC-182(V). The Material Support Date was achieved in March 1988.

6. Human Systems Integration. NA

K. SCHEDULES

1. Installation and Delivery Schedules. The first AN/ARC-182(V) operational system was installed in the F/A-18 in July 1981. Approximately 3,000 units were delivered as CFE. The S-3B installation of the AN/ARC-182(V) began in September 1998. These installations will be re-used systems, not new production. A total of 118 systems will be installed. Installation of the AN/ARC-182(V) is an integral part of the aircraft's normal Standard Depot Level Maintenance (SDLM) schedule.

2. Ready For Operational Use Schedule. The AN/ARC-182(V) is considered Ready For Operational Use (RFOU) upon completion of installation.

3. Time Required to Install at Operational Sites. Installation time varies by type aircraft and is an integral part of the aircraft's normal Standard Depot Level Maintenance (SDLM). Installation of the AN/ARC-182(V) does not extend the aircraft's normal SDLM schedule time. NAVAVNDEPOT North Island has been designated as the Fleet Support Team for maintenance engineering.

4. Foreign Military Sales and Other Source Delivery Schedule. The AN/ARC-182(V) is installed on various platforms delivered to FMS customers. The USCG in FY90 procured forty-five AN/ARC-182(V)s.

5. Training Device and Technical Training Equipment Delivery Schedule. Technical Training Equipment (TTE) for the AN/ARC-182(V) maintenance training is itemized in Part IV.A.1 of this document. All required TTE has been delivered. No Training Devices are required to support the AN/ARC-182(V).

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

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
AN/ARC-182(V) Radio Set ILSP, Revision K	NA	PMA209	Approved Apr 94
F-14A/B/D Aircraft NTSP	A50-8511B/P	PMA241	Proposed Jul 99
E-2C Aircraft NTSP	A-50-8716D/A	PMA231	Approved Nov 97
P-3C Update III Aircraft ASUW Improvement Program NTSP	A-50-8112/P	PMA	Proposed Jul 98
SH-60B LAMPS MK-III NTSP	A-50-7702D/A	PMA299	Approved Nov 94
SH-60F Carrier Inner-Zone ASW Helicopter NTSP	A-50-8508D/D	PMA299	Preliminary Draft Jan 99
SH/UH-3H Helicopter Transition	A-50-9801/D	PMA299	Draft May 94

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

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

SOURCE: PMA205

DATE: 1/1/90

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITIES - NAVY							
Fleet Maritime Patrol MMF Brunswick	68783	1	0	0	0	0	0
HCS-4	53811	1	0	0	0	0	0
HM-14	53827	1	0	0	0	0	0
HS-75	09031	1	0	0	0	0	0
HSL-94	55178	1	0	0	0	0	0
USS Bataan (LHD 5)	21879	1	0	0	0	0	0
USS Bonhomme Richard (LHD 6)	22202	1	0	0	0	0	0
USS Dwight D. Eisenhower (CVN 69)	03369	1	0	0	0	0	0
USS Iwo Jima (LHD 7)	23027	0	1	0	0	0	0
USS John F. Kennedy (CV 67)	03367	1	0	0	0	0	0
USS Kearsarge (LHD 3)	21700	1	0	0	0	0	0
USS Nassau (LHA 4)	20725	1	0	0	0	0	0
USS Theodore Roosevelt (CVN 71)	21247	1	0	0	0	0	0
USS Saipan (LHA 2)	20632	1	0	0	0	0	0
USS Wasp (LHD 1)	21560	1	0	0	0	0	0
VAW-78	09102	1	0	0	0	0	0
VFA-203 Det New Orleans	31633	1	0	0	0	0	0
VFA-204	09032	1	0	0	0	0	0
VP-62	09162	1	0	0	0	0	0
VP-64	09172	1	0	0	0	0	0
VP-65	09173	1	0	0	0	0	0
VP-69	09989	1	0	0	0	0	0
VP-92	09146	1	0	0	0	0	0
VR-53	55617	1	0	0	0	0	0
VR-54	52895	1	0	0	0	0	0
VR-62	09324	1	0	0	0	0	0
Fleet Maritime Patrol MMF Charlie	68704	1	0	0	0	0	0
HC-85	09061	1	0	0	0	0	0
HCS-5	53812	1	0	0	0	0	0
HM-15	55201	1	0	0	0	0	0
HSL-84	09055	1	0	0	0	0	0
USS Belleau Wood (LHA 3)	20633	1	0	0	0	0	0
USS Boxer (LHD 4)	21808	1	0	0	0	0	0
USS Constellation (CV 64)	03364	1	0	0	0	0	0
USS Essex (LHD 2)	21533	1	0	0	0	0	0
USS Inchon (MCS 12)	20009	1	0	0	0	0	0
USS Kitty Hawk (CV 63)	03363	1	0	0	0	0	0
USS Peleliu (LHA 5)	20748	1	0	0	0	0	0
USS Tarawa (LHA 1)	20550	1	0	0	0	0	0
USS Carl Vinson (CVN 70)	20993	1	0	0	0	0	0
VF 201	09309	1	0	0	0	0	0
VP-91	09305	1	0	0	0	0	0

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

SOURCE: PMA205

DATE: 1/1/90

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
VQ-1	09930	1	0	0	0	0	0
VQ-1 Det Misawa	09081	1	0	0	0	0	0
VR-55	53855	1	0	0	0	0	0
TOTAL:		44	1	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
AH-1/UH-1 (HMLA) Squadrons		6	0	0	0	0	0
AV-8B (VMA) Squadrons		7	0	0	0	0	0
C-130 (VMGR) Squadrons		6	0	0	0	0	0
CH-46E (HMM) Squadrons		15	0	0	0	0	0
CH-53D (HMH) Squadrons		4	0	0	0	0	0
CH-53E (HMH) Squadrons		6	0	0	0	0	0
EA-6B (VMAQ) Squadrons		4	0	0	0	0	0
F/A-18 (VMFA) CV Deployment Squadrons		4	0	0	0	0	0
F/A-18 (VMFA) Squadrons		4	0	0	0	0	0
F/A-18D (VMFA(AW)) Squadrons		6	0	0	0	0	0
HMH-772	09490	1	0	0	0	0	0
HMLA-773	09431	1	0	0	0	0	0
HMLA-775 DET A	09415	1	0	0	0	0	0
HMM-774	09430	1	0	0	0	0	0
HMT-302	55203	1	0	0	0	0	0
HMT-303	55176	1	0	0	0	0	0
HMX-1	55615	1	0	0	0	0	0
MV-22A (VMM) Squadrons		0	0	1	1	1	1
VMAT-203	45483	1	0	0	0	0	0
VMFA-142	67243	1	0	0	0	0	0
VMFA-321	67235	1	0	0	0	0	0
VMGR-452	55251	1	0	0	0	0	0
VMGRT-253	55251	1	0	0	0	0	0
VMMT-204		0	1	0	0	0	0
HMH-769	09487	1	0	0	0	0	0
HMLA-775	55252	1	0	0	0	0	0
HMM (T) 164	09408	1	0	0	0	0	0
HMM-764	09402	1	0	0	0	0	0
HMT-301	39797	1	0	0	0	0	0
VMFA-112	08954	1	0	0	0	0	0
VMFA-134	09365	1	0	0	0	0	0
VMFAT-101	09965	1	0	0	0	0	0
VMGR-234	08344	1	0	0	0	0	0
VMR-1	67879	1	0	0	0	0	0
VMR-2	98839	1	0	0	0	0	0
TOTAL:		84	1	1	1	1	1
FLEET SUPPORT ACTIVITIES - NAVY							
AIMD NAS Jacksonville	44319	1	0	0	0	0	0
AIMD NAS Keflavik	44335	1	0	0	0	0	0

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

SOURCE: PMA205

DATE: 1/1/90

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
AIMD NAS Norfolk	44325	1	0	0	0	0	0
AIMD NAS Oceana	44327	1	0	0	0	0	0
AIMD NAS Sigonella	44330	1	0	0	0	0	0
AIMD NAVSTA Roosevelt Roads	44373	1	0	0	0	0	0
AIMD NS Mayport	45459	1	0	0	0	0	0
AIMD Sigonella Det-Rota	44374	1	0	0	0	0	0
NAS Jacksonville Sea Op Det	46965	1	0	0	0	0	0
NAS Norfolk Sea Op Det	46966	1	0	0	0	0	0
NAS Oceana A/C Op Det	35672	1	0	0	0	0	0
NAS Oceana Sea Op Det	46963	1	0	0	0	0	0
NAS Sigonella A/C Op Det	44378	1	0	0	0	0	0
NAVTEST WINGLANT	39782	1	0	0	0	0	0
NAWCAD Op Det Patuxent River	35679	1	0	0	0	0	0
RAIMD NAF Washington DC	44492	1	0	0	0	0	0
RAIMD NAS Atlanta	44486	1	0	0	0	0	0
RAIMD NAS New Orleans	44490	1	0	0	0	0	0
RAIMD NAS Willow Grove	44493	1	0	0	0	0	0
VAQ-209	53870	1	0	0	0	0	0
AIMD NAF Atsugi	44323	1	0	0	0	0	0
AIMD NAF Misawa	44331	1	0	0	0	0	0
AIMD NAS Corpus Christi	30244	1	0	0	0	0	0
AIMD NAS Fallon	44317	1	0	0	0	0	0
AIMD NAS Lemoore	44321	1	0	0	0	0	0
AIMD NAS North Island	44326	1	0	0	0	0	0
AIMD NAS Whidbey Island	44329	1	0	0	0	0	0
AIMD NAVSUPPFAC Diego Garcia	44337	1	0	0	0	0	0
NAS Lemoore Sea Op Det	46964	1	0	0	0	0	0
NAS Miramar Sea Op Det	46962	1	0	0	0	0	0
NAS North Island Sea Op Det	46968	1	0	0	0	0	0
NAS Whidbey Island Sea Op Det	46967	1	0	0	0	0	0
NAS Whidbey Island Van Op Det	31179	1	0	0	0	0	0
NAVAIRES San Diego	09296	1	0	0	0	0	0
NAVWPN TESTRON Point Mugu	39788	1	0	0	0	0	0
NAWS Point Mugu A/C	45113	1	0	0	0	0	0
RAIMD NAS JRB Fort Worth	44487	1	0	0	0	0	0
RAIMD NAVAIRES Santa Clara	44489	1	0	0	0	0	0
TOTAL:		38	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - USMC							
CV MALS Augment		4	0	0	0	0	0
H&HS MCAS Beaufort	00000	1	0	0	0	0	0
MALS Fixed Wing		5	0	0	0	0	0
MALS Rotary Wing		5	0	0	0	0	0
MALS-42	09513	1	0	0	0	0	0
MALS-49	55555	1	0	0	0	0	0
MATSG Pensacola		1	0	0	0	0	0
H&HS MCAS Yuma	00000	1	0	0	0	0	0

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

SOURCE: PMA205

DATE: 1/1/90

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
MALS-41	67239	1	0	0	0	0	0
MALS-46	09749	1	0	0	0	0	0
TOTAL:		21	0	0	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETTS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - NAVY					
Fleet Maritime Patrol MMF Brunswick, 68783					
ACDU	0	1	AT2	6611	
	0	1	AT3	6609	6611
ACTIVITY TOTAL:	0	2			
HCS-4, 53811					
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	1			
HM-14, 53827					
ACDU	0	1	AT2	6611	6609
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	2			
HS-75, 09031					
TAR	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	1			
HSL-94, 55178					
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	1			
USS Bataan (LHD 5), 21879					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Bonhomme Richard (LHD 6), 22202					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Dwight D. Eisenhower (CVN 69), 03369					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			

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 Iwo Jima (LHD 7), 23027, FY00 Increment					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS John F. Kennedy (CV 67), 03367					
SELRES	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
USS Kearsarge (LHD 3), 21700					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Nassau (LHA 4), 20725					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Theodore Roosevelt (CVN 71), 21247					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
USS Saipan (LHA 2), 20632					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Wasp (LHD 1), 21560					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
VAW-78, 09102					
TAR	0	1	AT3	6634	6611
ACTIVITY TOTAL:	0	1			
VFA-203 Det New Orleans, 31633					
SELRES	0	1	AT3	6611	6607
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			
VFA-204, 09032					
SELRES	0	1	AT3	6611	6607
ACTIVITY TOTAL:	0	1			
VP-62, 09162					
TAR	0	1	AT2	6611	
ACTIVITY TOTAL:	0	1			
VP-64, 09172					
TAR	0	1	AT2	6611	
SELRES	0	1	ATAN	6611	6609
ACTIVITY TOTAL:	0	2			
VP-65, 09173					
TAR	0	1	AT2	6611	
	0	1	AT3	6611	6609
ACTIVITY TOTAL:	0	2			
VP-69, 09989					
TAR	0	1	AT2	6611	
	0	1	ATAN	6611	6609
ACTIVITY TOTAL:	0	2			
VP-92, 09146					
TAR	0	1	AT2	6611	
	0	1	ATAN	6611	6609
ACTIVITY TOTAL:	0	2			
VR-53, 55617					
TAR	0	1	AT2	6611	6613
ACTIVITY TOTAL:	0	1			
VR-54, 52895					
TAR	0	1	AT2	6611	6613
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			
VR-62, 09324					
TAR	0	1	AT2	6611	6613
ACTIVITY TOTAL:	0	1			
Fleet Maritime Patrol MMF Charlie, 68704					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
HC-85, 09061					
TAR	0	1	AT2	6611	6613
ACTIVITY TOTAL:	0	1			
HCS-5, 53812					
SELRES	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	1			
HM-15, 55201					
ACDU	0	1	AT2	6611	6609
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	2			
HSL-84, 09055					
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	1			
USS Belleau Wood (LHA 3), 20633					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Boxer (LHD 4), 21808					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Constellation (CV 64), 03364					
ACDU	0	1	AT3	6611	6613
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			
USS Essex (LHD 2), 21533					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Inchon (MCS 12), 20009					
TAR	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Kitty Hawk (CV 63), 03363					
ACDU	0	1	AT2	6611	6607
	0	1	AT2	6611	6609
	0	1	AT3	6607	6611
	0	1	AT3	6611	6613
	0	1	ATAN	6611	6609
	0	1	ATAN	6611	6613
ACTIVITY TOTAL:	0	6			
USS Peleliu (LHA 5), 20748					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Tarawa (LHA 1), 20550					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
USS Carl Vinson (CVN 70), 20993					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
VF 201, 09309					
SELRES	0	1	ATAN	6611	6607
ACTIVITY TOTAL:	0	1			
VP-91, 09305					
TAR	0	1	AT2	6611	
ACTIVITY TOTAL:	0	1			

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			
VQ-1, 09930					
ACDU	0	1	AT2	6611	
ACTIVITY TOTAL:	0	1			
VQ-1 Det Misawa, 09081					
ACDU	0	1	AT2	6611	6605
	0	1	AT3	6611	
ACTIVITY TOTAL:	0	2			
VR-55, 53855					
TAR	0	1	AT2	6611	6613
ACTIVITY TOTAL:	0	1			
OPERATIONAL ACTIVITIES - USMC					
AH-1/UH-1 (HMLA) Squadrons					
USMC	0	3	LCPL	6412	6422
ACTIVITY TOTAL:	0	3			
AV-8B (VMA) Squadrons					
USMC	0	1	CPL	6412	
	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	2			
C-130 (VMGR) Squadrons					
USMC	0	2	CPL	6412	
	0	2	LCPL	6412	
	0	1	SGT	6412	
ACTIVITY TOTAL:	0	5			
CH-46E (HMM) Squadrons					
USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
CH-53D (HMH) Squadrons					
USMC	0	1	SGT	6412	6422
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			
CH-53E (HMH) Squadrons					
USMC	0	3	LCPL	6412	6422
ACTIVITY TOTAL:	0	3			
EA-6B (VMAQ) Squadrons					
USMC	0	2	CPL	6412	6422
ACTIVITY TOTAL:	0	2			
F/A-18 (VMFA) CV Deployment Squadrons					
USMC	0	1	CPL	6412	6422
ACTIVITY TOTAL:	0	1			
F/A-18 (VMFA) Squadrons					
USMC	0	1	CPL	6412	6422
	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	2			
F/A-18D (VMFA(AW)) Squadrons					
USMC	0	1	CPL	6412	6422
ACTIVITY TOTAL:	0	1			
HMH-772, 09490					
USMC	0	1	LCPL	6412	6422
ACTIVITY TOTAL:	0	1			
HMLA-773, 09431					
USMC	0	1	LCPL	6412	6422
SMCR	0	1	LCPL	6412	6422
ACTIVITY TOTAL:	0	2			
HMLA-775 Det A, 09415					
USMC	0	1	LCPL	6412	6422
ACTIVITY TOTAL:	0	1			
HMM-774, 09430					
USMC	0	1	SGT	6412	6422
ACTIVITY TOTAL:	0	1			

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			
HMT-302, 55203					
USMC	0	2	LCPL	6412	
	0	1	SGT	6412	
ACTIVITY TOTAL:	0	3			
HMT-303, 55176					
USMC	0	1	CPL	6412	
	0	3	LCPL	6412	
ACTIVITY TOTAL:	0	4			
HMX-1, 55615					
USMC	0	2	CPL	6412	
ACTIVITY TOTAL:	0	2			
MV-22A (VMM) Squadrons, FY01 Increment					
USMC	0	1	SGT	6412	6422
ACTIVITY TOTAL:	0	1			
VMAT-203, 45483					
USMC	0	2	LCPL	6412	
	0	5	SGT	6412	
ACTIVITY TOTAL:	0	7			
VMFA-142, 67243					
USMC	0	1	CPL	6412	6422
	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	2			
VMFA-321, 67235					
USMC	0	1	CPL	6412	6422
	0	1	LCPL	6412	
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			
VMGR-452, 55251					
USMC	0	1	CPL	6412	
	0	1	LCPL	6412	
	0	1	SGT	6412	
SMCR	0	3	CPL	6412	
	0	3	LCPL	6412	
	0	1	SGT	6412	
ACTIVITY TOTAL:	0	10			
VMGRT-253, 55251					
USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
VMMT-204, FY00 Increment					
USMC	0	2	SGT	6412	
ACTIVITY TOTAL:	0	2			
HMH-769, 09487					
USMC	0	1	LCPL	6412	6422
ACTIVITY TOTAL:	0	1			
HMLA-775, 55252					
USMC	0	1	LCPL	6412	6422
SMCR	0	1	LCPL	6412	6422
ACTIVITY TOTAL:	0	2			
HMM (T) 164, 09408					
USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
HMM-764, 09402					
USMC	0	1	SGT	6412	6422
ACTIVITY TOTAL:	0	1			

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			
HMT-301, 39797					
USMC	0	1	LCPL	6412	
	0	1	SGT	6412	
ACTIVITY TOTAL:	0	2			
VMFA-112, 08954					
USMC	0	1	CPL	6412	6422
	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	2			
VMFA-134, 09365					
USMC	0	1	CPL	6412	6422
	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	2			
VMFAT-101, 09965					
USMC	0	4	LCPL	6412	
ACTIVITY TOTAL:	0	4			
VMGR-234, 08344					
USMC	0	1	CPL	6412	
	0	1	LCPL	6412	
	0	1	SGT	6412	
SMCR	0	3	CPL	6412	
	0	3	LCPL	6412	
	0	1	SGT	6412	
ACTIVITY TOTAL:	0	10			
VMR-1, 67879					
USMC	0	1	CPL	6412	
ACTIVITY TOTAL:	0	1			
VMR-2, 98839					
USMC	0	1	CPL	6412	6422
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			
FLEET SUPPORT ACTIVITIES - NAVY					
AIMD NAS Jacksonville, 44319					
ACDU	0	2	AT1	6611	
	0	3	AT2	6611	
	0	7	AT3	6611	
	0	1	AT3	6611	9527
	0	4	ATAN	6611	
SELRES	0	1	AT1	6611	6613
ACTIVITY TOTAL:	0	18			
AIMD NAS Keflavik, 44335					
ACDU	0	1	AT3	6611	
	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	2			
AIMD NAS Norfolk, 44325					
ACDU	0	1	AT1	6611	
	0	1	AT2	6611	
	0	1	AT2	6611	6609
	0	2	AT3	6611	
SELRES	0	1	AT1	6611	
	0	1	AT3	6611	
ACTIVITY TOTAL:	0	7			
AIMD NAS Oceana, 44327					
ACDU	0	1	AT1	6611	
	0	2	AT2	6611	
	0	2	AT2	6611	9526
	0	3	AT3	6611	
ACTIVITY TOTAL:	0	8			
AIMD NAS Sigonella, 44330					
ACDU	0	1	AT2	6607	6611
	0	1	AT2	6611	
	0	2	AT2	6611	6613
	0	2	AT3	6611	6613
	0	2	AT3	6613	6611
	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	9			

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			
AIMD NAVSTA Roosevelt Roads, 44373					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
AIMD NS Mayport, 45459					
ACDU	0	1	AT2	6611	
	0	1	AT3	6611	
ACTIVITY TOTAL:	0	2			
AIMD Sigonella Det Rota, 44374					
SELRES	0	2	AT2	6611	
ACTIVITY TOTAL:	0	2			
NAS Jacksonville Sea Op Det, 46965					
ACDU	0	5	AT3	6607	6611
	0	4	ATAN	6611	
	0	1	ATAN	6611	6613
ACTIVITY TOTAL:	0	10			
NAS Norfolk Sea Op Det, 46966					
ACDU	0	5	AT2	6611	6609
ACTIVITY TOTAL:	0	5			
NAS Oceana A/C Op Det, 35672					
SELRES	0	1	AT3	6611	
ACTIVITY TOTAL:	0	1			
NAS Oceana Sea Op Det, 46963					
ACDU	0	4	AT2	6611	6607
	0	2	ATAN	6611	
	0	7	ATAN	6611	6609
ACTIVITY TOTAL:	0	13			
NAS Sigonella A/C Op Det, 44378					
ACDU	0	1	AT2	6607	6611
	0	1	AT2	6611	
	0	1	AT2	6611	6613
	0	2	AT3	6611	6613
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			
NAVTEST WINGLANT, 39782					
ACDU	0	1	AT1	6611	
	0	2	AT2	6611	
	0	1	AT2	6613	6611
	0	2	AT3	6611	
	0	1	AT3	6611	9526
	0	1	ATAN	6611	
	0	2	ATAN	6611	6613
ACTIVITY TOTAL:	0	10			
NAWCAD Op Det Patuxent River, 35679					
ACDU	0	1	AT2	6611	
	0	1	AT2	6611	6609
	0	1	AT3	6611	
ACTIVITY TOTAL:	0	3			
RAIMD NAF Washington DC, 44492					
TAR	0	1	AT2	6611	
	0	1	AT2	6611	6613
	0	1	AT3	6611	6613
	0	1	AT3	6634	6611
ACTIVITY TOTAL:	0	4			
RAIMD NAS Atlanta, 44486					
TAR	0	1	AT2	6611	
ACTIVITY TOTAL:	0	1			
RAIMD NAS New Orleans, 44490					
TAR	0	1	AT2	6611	
	0	1	AT3	6611	
	0	1	AT3	6611	6609
ACTIVITY TOTAL:	0	3			
RAIMD NAS Willow Grove, 44493					
TAR	0	1	AT3	6611	
ACTIVITY TOTAL:	0	1			
VAQ-209, 53870					
SELRES	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			

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			
AIMD NAF Atsugi, 44323					
ACDU	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	1			
AIMD NAF Misawa, 44331					
ACDU	0	1	AT2	6611	6605
	0	1	AT3	6611	
ACTIVITY TOTAL:	0	2			
AIMD NAS Corpus Christi, 30244					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
AIMD NAS Fallon, 44317					
ACDU	0	1	AT1	6611	6605
	0	1	AT2	6611	6607
ACTIVITY TOTAL:	0	2			
AIMD NAS Lemoore, 44321					
ACDU	0	1	AT2	6611	6607
ACTIVITY TOTAL:	0	1			
AIMD NAS North Island, 44326					
ACDU	0	1	AT2	6611	6609
	0	1	AT2	6611	9526
	0	2	AT3	6611	
	0	1	AT3	6611	6607
	0	1	AT3	6611	9526
	0	2	ATAN	6611	
ACTIVITY TOTAL:	0	8			
AIMD NAS Whidbey Island, 44329					
ACDU	0	1	AT1	6611	
	0	1	AT3	6611	6613
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			
AIMD NAVSUPPFAC Diego Garcia, 44337					
ACDU	0	1	AT1	6611	
SELRES	0	2	AT1	6611	
ACTIVITY TOTAL:	0	3			
NAS Lemoore Sea Op Det, 46964					
ACDU	0	4	AT2	6611	6607
ACTIVITY TOTAL:	0	4			
NAS Miramar Sea Op Det, 46962					
ACDU	0	4	AT2	6611	6609
ACTIVITY TOTAL:	0	4			
NAS North Island Sea Op Det, 46968					
ACDU	0	4	AT3	6607	6611
	0	2	ATAN	6611	
	0	2	ATAN	6611	6613
ACTIVITY TOTAL:	0	8			
NAS Whidbey Island Sea Op Det, 46967					
ACDU	0	9	AT3	6611	6613
ACTIVITY TOTAL:	0	9			
NAS Whidbey Island Van Op Det, 31179					
ACDU	0	5	AT3	6611	6613
ACTIVITY TOTAL:	0	5			
NAVAIRES San Diego, 09296					
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	1			
NAVWPN TESTRON Point Mugu, 39788					
SELRES	0	1	AT1	6606	6611
ACTIVITY TOTAL:	0	1			

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			
NAWS Point Mugu A/C, 45113					
ACDU	0	2	AT3	6611	6605
ACTIVITY TOTAL:	0	2			
RAIMD NAS JRB Fort Worth, 44487					
TAR	0	2	AT2	6611	6607
ACTIVITY TOTAL:	0	2			
FLEET SUPPORT ACTIVITIES - USMC					
CV MALS Augment					
USMC	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
H&HS MCAS Beaufort, 00000					
USMC	0	1	CPL	6412	6422
ACTIVITY TOTAL:	0	1			
MALS Fixed Wing					
USMC	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
MALS Rotary Wing					
USMC	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
MALS-42					
SMCR	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
MALS-49					
SMCR	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
MATSG Pensacola					
USMC	0	2	SGT	6412	
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			
H&HS MCAS Yuma, 00000					
USMC	0	1	CPL	6412	6422
ACTIVITY TOTAL:	0	1			
MALS-41					
SMCR	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
MALS-46					
SMCR	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
RAIMD NAVAIRES Santa Clara, 44489					
TAR	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY OPERATIONAL ACTIVITIES - ACDU													
AT1	6611		12		1		0		0		0		0
AT2	6611		2		0		0		0		0		0
AT2	6611	6605	1		0		0		0		0		0
AT2	6611	6607	1		0		0		0		0		0
AT2	6611	6609	3		0		0		0		0		0
AT3	6607	6611	1		0		0		0		0		0
AT3	6609	6611	1		0		0		0		0		0
AT3	6611		1		0		0		0		0		0
AT3	6611	6613	5		0		0		0		0		0
ATAN	6611	6609	1		0		0		0		0		0
ATAN	6611	6613	1		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - TAR													
AT1	6611		1		0		0		0		0		0
AT2	6611		6		0		0		0		0		0
AT2	6611	6609	5		0		0		0		0		0
AT2	6611	6613	5		0		0		0		0		0
AT3	6611	6609	1		0		0		0		0		0
AT3	6634	6611	1		0		0		0		0		0
ATAN	6611		1		0		0		0		0		0
ATAN	6611	6609	2		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - SELRES													
AT2	6611	6609	1		0		0		0		0		0
AT3	6611	6607	2		0		0		0		0		0
AT3	6611	6613	1		0		0		0		0		0
ATAN	6611	6607	1		0		0		0		0		0
ATAN	6611	6609	1		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
CPL	6412		25		0		0		0		0		0
CPL	6412	6422	27		0		0		0		0		0
LCPL	6412		41		0		0		0		0		0
LCPL	6412	6422	41		0		0		0		0		0
SGT	6412		32		2		0		0		2		0
SGT	6412	6422	6		0		1		1		1		1
USMC OPERATIONAL ACTIVITIES - SMCR													
CPL	6412		6		0		0		0		0		0
LCPL	6412		6		0		0		0		0		0
LCPL	6412	6422	2		0		0		0		0		0
SGT	6412		2		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
AT1	6611		9		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		CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
AT1	6611	6605		1		0		0		0		0		0
AT2	6607	6611		2		0		0		0		0		0
AT2	6611			12		0		0		0		0		0
AT2	6611	6605		1		0		0		0		0		0
AT2	6611	6607		10		0		0		0		0		0
AT2	6611	6609		12		0		0		0		0		0
AT2	6611	6613		3		0		0		0		0		0
AT2	6611	9526		3		0		0		0		0		0
AT2	6613	6611		1		0		0		0		0		0
AT3	6607	6611		9		0		0		0		0		0
AT3	6611			20		0		0		0		0		0
AT3	6611	6605		2		0		0		0		0		0
AT3	6611	6607		1		0		0		0		0		0
AT3	6611	6613		19		0		0		0		0		0
AT3	6611	9526		2		0		0		0		0		0
AT3	6611	9527		1		0		0		0		0		0
AT3	6613	6611		2		0		0		0		0		0
ATAN	6611			18		0		0		0		0		0
ATAN	6611	6609		7		0		0		0		0		0
ATAN	6611	6613		5		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR														
AT2	6611			3		0		0		0		0		0
AT2	6611	6607		2		0		0		0		0		0
AT2	6611	6609		1		0		0		0		0		0
AT2	6611	6613		1		0		0		0		0		0
AT3	6611			2		0		0		0		0		0
AT3	6611	6609		1		0		0		0		0		0
AT3	6611	6613		1		0		0		0		0		0
AT3	6634	6611		1		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES														
AT1	6606	6611		1		0		0		0		0		0
AT1	6611			3		0		0		0		0		0
AT1	6611	6613		1		0		0		0		0		0
AT2	6611			2		0		0		0		0		0
AT3	6611			2		0		0		0		0		0
AT3	6611	6613		1		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR														
LCPL	6412			1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC														
CPL	6412	6422		2		0		0		0		0		0
LCPL	6412			14		0		0		0		0		0
SGT	6412			2		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR														

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
LCPL	6412		4		0		0		0		0		0
SUMMARY TOTALS:													
NAVY OPERATIONAL ACTIVITIES - ACDU			29		1		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - TAR			22		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - SELRES			6		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC			172		2		1		1		3		1
USMC OPERATIONAL ACTIVITIES - SMCR			16		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU			140		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR			12		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES			10		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR			1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC			18		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR			4		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		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GRAND TOTALS:													
NAVY - ACDU			169		1		0		0		0		0
NAVY - TAR			34		0		0		0		0		0
NAVY - SELRES			16		0		0		0		0		0
NAVY - TAR			1		0		0		0		0		0
USMC - USMC			190		2		1		1		3		1
USMC - SMCR			20		0		0		0		0		0

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

SOURCE: PMA205

DATE: 1/1/90

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITIES - NAVY							
USS Constellation (CV 64)	03364	0	0	0	1	0	0
TOTAL:		0	0	0	1	0	0
OPERATIONAL ACTIVITIES - USMC							
CH-46E (HMM) Squadrons		0	0	1	1	1	1
TOTAL:		0	0	1	1	1	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			
OPERATIONAL ACTIVITIES - USMC					
HMT-302, 55203, FY01 Increment USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
HMT-303, 55176, FY01 Increment USMC	0	1	CPL	6412	
ACTIVITY TOTAL:	0	1			
VMMT-204, FY01 Increment USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
HMT-301, 39797, FY01 Increment USMC	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
VMFAT-101, 09965, FY01 Increment USMC	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
FLEET SUPPORT ACTIVITIES - USMC					
MALS Fixed Wing, FY02 Increment USMC	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY OPERATIONAL ACTIVITIES - ACDU													
AT3	6611 6613		1		0		0		-1		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
CPL	6412		1		0		-1		0		0		0
LCPL	6412		5		0		-2		0		0		0
SGT	6412		16		0		-3		-1		-1		-1
USMC FLEET SUPPORT ACTIVITIES - USMC													
LCPL	6412		5		0		0		-5		0		0
SUMMARY TOTALS:													
NAVY OPERATIONAL ACTIVITIES - ACDU													
			1		0		0		-1		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
			22		0		-6		-1		-1		-1
USMC FLEET SUPPORT ACTIVITIES - USMC													
			5		0		0		-5		0		0
GRAND TOTALS:													
NAVY - ACDU													
			1		0		0		-1		0		0
USMC - USMC													
			27		0		-6		-6		-1		-1

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

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 1007, NAS Oceana, 66045

INSTRUCTOR BILLETS

ACDU														
AT1	6611	9502	0	1	0	2	0	2	0	2	0	2	0	2
AT2	6611	9502	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL:			0	2	0	2	0	2	0	2	0	2	0	2

TRAINING ACTIVITY, LOCATION, UIC: MTU 1038, NAS Lemoore, 66060

INSTRUCTOR BILLETS

ACDU														
AT1	6611	9502	0	3	0	3	0	3	0	3	0	3	0	3
TOTAL:			0	3	0	3	0	3	0	3	0	3	0	3

TRAINING ACTIVITY, LOCATION, UIC: MTU 3001, MCAS Cherry Point, 66047

INSTRUCTOR BILLETS

USMC														
SGT	6412		0	2	0	2	0	2	0	2	0	2	0	2
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		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1007, NAS Oceana, 66045	NAVY		4.5		4.5		4.5		4.5		4.5		4.5
MTU 3001, MCAS Cherry Point, 66047	USMC		10.8		11.2		10.8		10.6		10.8		10.6
MTU 1038, NAS Lemoore, 66060	NAVY		2.9		2.9		2.9		2.9		2.9		2.9
SUMMARY TOTALS:													
	NAVY		7.4		7.4		7.4		7.4		7.4		7.4
	USMC		10.8		11.2		10.8		10.6		10.8		10.6
GRAND TOTALS:													
			18.2		18.6		18.2		18.0		18.2		18.0

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/- CUM	FY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM
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a. OFFICER - USN

Not Applicable

b. ENLISTED - USN

Operational Billets ACDU and TAR

AT1	6611		13	1	14	0	14	0	14	0	14	0	14
AT2	6611		8	0	8	0	8	0	8	0	8	0	8
AT2	6611	6605	1	0	1	0	1	0	1	0	1	0	1
AT2	6611	6607	1	0	1	0	1	0	1	0	1	0	1
AT2	6611	6609	8	0	8	0	8	0	8	0	8	0	8
AT2	6611	6613	5	0	5	0	5	0	5	0	5	0	5
AT3	6607	6611	1	0	1	0	1	0	1	0	1	0	1
AT3	6609	6611	1	0	1	0	1	0	1	0	1	0	1
AT3	6611		1	0	1	0	1	0	1	0	1	0	1
AT3	6611	6609	1	0	1	0	1	0	1	0	1	0	1
AT3	6611	6613	5	0	5	0	5	-1	4	0	4	0	4
AT3	6634	6611	1	0	1	0	1	0	1	0	1	0	1
ATAN	6611		1	0	1	0	1	0	1	0	1	0	1
ATAN	6611	6609	3	0	3	0	3	0	3	0	3	0	3
ATAN	6611	6613	1	0	1	0	1	0	1	0	1	0	1

Fleet Support Billets ACDU and TAR

AT1	6611		9	0	9	0	9	0	9	0	9	0	9
AT1	6611	6605	1	0	1	0	1	0	1	0	1	0	1
AT2	6607	6611	2	0	2	0	2	0	2	0	2	0	2
AT2	6611		15	0	15	0	15	0	15	0	15	0	15
AT2	6611	6605	1	0	1	0	1	0	1	0	1	0	1
AT2	6611	6607	12	0	12	0	12	0	12	0	12	0	12
AT2	6611	6609	13	0	13	0	13	0	13	0	13	0	13
AT2	6611	6613	4	0	4	0	4	0	4	0	4	0	4
AT2	6611	9526	3	0	3	0	3	0	3	0	3	0	3
AT2	6613	6611	1	0	1	0	1	0	1	0	1	0	1
AT3	6607	6611	9	0	9	0	9	0	9	0	9	0	9
AT3	6611		22	0	22	0	22	0	22	0	22	0	22
AT3	6611	6605	2	0	2	0	2	0	2	0	2	0	2
AT3	6611	6607	1	0	1	0	1	0	1	0	1	0	1
AT3	6611	6609	1	0	1	0	1	0	1	0	1	0	1
AT3	6611	6613	20	0	20	0	20	0	20	0	20	0	20
AT3	6611	9526	2	0	2	0	2	0	2	0	2	0	2
AT3	6611	9527	1	0	1	0	1	0	1	0	1	0	1
AT3	6613	6611	2	0	2	0	2	0	2	0	2	0	2
AT3	6634	6611	1	0	1	0	1	0	1	0	1	0	1
ATAN	6611		18	0	18	0	18	0	18	0	18	0	18
ATAN	6611	6609	7	0	7	0	7	0	7	0	7	0	7
ATAN	6611	6613	5	0	5	0	5	0	5	0	5	0	5

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
Staff Billets ACDU and TAR													
AT1	6611	9502	4	1	5	0	5	0	5	0	5	0	5
AT2	6611	9502	1	-1	0	0	0	0	0	0	0	0	0
Chargeable Student Billets ACDU and TAR													
			7	0	7	0	7	0	7	0	7	0	7
SELRES Billets													
AT1	6606	6611	1	0	1	0	1	0	1	0	1	0	1
AT1	6611		3	0	3	0	3	0	3	0	3	0	3
AT1	6611	6613	1	0	1	0	1	0	1	0	1	0	1
AT2	6611		2	0	2	0	2	0	2	0	2	0	2
AT2	6611	6609	1	0	1	0	1	0	1	0	1	0	1
AT3	6611		2	0	2	0	2	0	2	0	2	0	2
AT3	6611	6607	2	0	2	0	2	0	2	0	2	0	2
AT3	6611	6613	2	0	2	0	2	0	2	0	2	0	2
ATAN	6611	6607	1	0	1	0	1	0	1	0	1	0	1
ATAN	6611	6609	1	0	1	0	1	0	1	0	1	0	1

TOTAL USN ENLISTED BILLETS:

Operational			51	1	52	0	52	-1	51	0	51	0	51
Fleet Support			152	0	152	0	152	0	152	0	152	0	152
Staff			5	0	5	0	5	0	5	0	5	0	5
Chargeable Student			7	0	7	0	7	0	7	0	7	0	7
SELRES			16	0	16	0	16	0	16	0	16	0	16

c. OFFICER - USMC

Not Applicable

d. ENLISTED - USMC

Operational Billets USMC and AR

CPL	6412		25	0	25	-1	24	0	24	0	24	0	24
CPL	6412	6422	27	0	27	0	27	0	27	0	27	0	27
LCPL	6412		41	0	41	-2	39	0	39	0	39	0	39

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00		FY01		FY02		FY03		FY04	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
LCPL	6412	6422	41	0	41	0	41	0	41	0	41	0	41
SGT	6412		32	2	34	-3	31	-1	30	1	31	-1	30
SGT	6412	6422	6	0	6	1	7	1	8	1	9	1	10
Fleet Support Billets USMC and AR													
CPL	6412	6422	2	0	2	0	2	0	2	0	2	0	2
LCPL	6412		15	0	15	0	15	-5	10	0	10	0	10
SGT	6412		2	0	2	0	2	0	2	0	2	0	2
Staff Billets USMC and AR													
SGT	6412		2	0	2	0	2	0	2	0	2	0	2
Chargeable Student Billets USMC and AR													
			11	0	11	0	11	0	11	0	11	0	11
SMCR Billets													
CPL	6412		6	0	6	0	6	0	6	0	6	0	6
LCPL	6412		10	0	10	0	10	0	10	0	10	0	10
LCPL	6412	6422	2	0	2	0	2	0	2	0	2	0	2
SGT	6412		2	0	2	0	2	0	2	0	2	0	2
TOTAL USMC ENLISTED BILLETS:													
Operational			172	2	174	-5	169	0	169	2	171	0	171
Fleet Support			19	0	19	0	19	-5	14	0	14	0	14
Staff			2	0	2	0	2	0	2	0	2	0	2
Chargeable Student			11	0	11	0	11	0	11	0	11	0	11
SMCR			20	0	20	0	20	0	20	0	20	0	20

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-102-6152, UHF Communications Equipment Intermediate Maintenance
COURSE LENGTH: 5.6 Weeks **TOUR LENGTH:** Navy: 36 Months
ATTRITION FACTOR: Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1007, NAS Oceana												
	NAVY	ACDU		36		36		36		36		36
		TAR		9		9		9		9		9
		SELRES		1		1		1		1		1
		TOTAL:		46		46		46		46		46

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

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1038, NAS Lemoore												
	NAVY	ACDU		25		25		25		25		25
		TAR		3		3		3		3		3
		SELRES		1		0		1		0		1
		TOTAL:		29		28		29		28		29

CIN, COURSE TITLE: M-102-6412, Aircraft Communications Equipment Intermediate Maintenance
COURSE LENGTH: 12.0 Weeks
ATTRITION FACTOR: USMC: 0% **BACKOUT FACTOR:** 0.24

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3001, MCAS Cherry Point												
	USMC	USMC		50		48		47		48		47
		SMCR		2		2		2		2		2
		TOTAL:		52		50		49		50		49

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AN/ARC-182(V) Radio Set 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-102-6152, UHF Communications Equipment Intermediate Maintenance
TRAINING ACTIVITY: MTU 1007 NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, 66045

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	45		45		45		45		45	ATIR
	41		41		41		41		41	Output
	4.5		4.5		4.5		4.5		4.5	AOB
	4.5		4.5		4.5		4.5		4.5	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY00		FY01		FY02		FY03		FY04		
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-102-6152, UHF Communication Equipment Intermediate Maintenance
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, 66060

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	28		28		28		28		28	ATIR
	25		25		25		25		25	Output
	2.9		2.9		2.9		2.9		2.9	AOB
	2.9		2.9		2.9		2.9		2.9	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		0		1		0		1	ATIR
	1		0		1		0		1	Output
	0.1		0.0		0.1		0.0		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: M-102-6412, Aircraft Communications Equipment Intermediate Maintenance

TRAINING ACTIVITY: MTU 3001 NAMTRAGRU DET

LOCATION, UIC: MCAS Cherry Point, 66047

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	50		48		47		48		47	ATIR
	50		48		47		48		47	Output
	11.2		10.8		10.6		10.8		10.6	AOB
	11.2		10.8		10.6		10.8		10.6	Chargeable

SOURCE: USMC **STUDENT CATEGORY:** SMCR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.4		0.4		0.4		0.4		0.4	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AN/ARC-182(V) Radio Set and, therefore, are not included in Part IV of this NTSP:

IV.A. Training Hardware

IV.A.2. Training Devices

IV.B. Courseware 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

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

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

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track D-102-6152)

TRAINING ACTIVITY: MTU 1007 NAMTRAGRU DET

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-1250A/ARC Receiver-Transmitter	2	Aug 84	GFE	Onboard
002	RT-1324A/ARC Receiver-Transmitter	2	Aug 84	GFE	Onboard
003	C-10319A/ARC Radio Set Control	2	Aug 84	CFE	Onboard
004	ID-2121A/ARC Remote Indicator	2	Aug 84	GFE	Onboard
005	MT-6330/ARC Mount Base	1	Aug 84	GFE	Onboard
006	RT-1498/ARC Receiver-Transmitter	2	Aug 84	GFE	Onboard
007	Processor Receiver	1	Aug 84	GFE	Onboard
008	C-11984/ARC Radio Set Control	1	Aug 84	GFE	Onboard
009	Attenuator	2	Aug 84	GFE	Onboard
010	Digital Multimeter	2	Aug 84	GFE	Onboard
011	Analyzer, Distortion	2	Aug 84	GFE	Onboard
012	Counter, Electrical	2	Aug 84	GFE	Onboard
013	Power Meter	2	Aug 84	GFE	Onboard
014	Generator, Signal	2	Aug 84	GFE	Onboard
015	Meter, Modulation	2	Aug 84	GFE	Onboard
016	Radio Test Set (652-2435-002)	2	Aug 84	GFE	Onboard
017	Test Set, Radio (622-7009-001)	1	Aug 84	GFE	Onboard
018	Test Set Adapter (622-7747-002)	1	Aug 84	GFE	Onboard
019	Test Set Adapter (622-7748-002)	2	Aug 84	GFE	Onboard
020	Test Set Adapter (622-7749-003)	2	Aug 84	GFE	Onboard
021	Test Set Adapter (622-7753-002)	1	Aug 84	GFE	Onboard
022	Directional Coupler	2	Aug 84	GFE	Onboard
023	Test Set Adapter (622-9655-001)	1	Aug 84	GFE	Onboard

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

024	Oscilloscope, Storage	2	Aug 84	GFE	Onboard
025	Function Generator	1	Aug 84	GFE	Onboard

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track E-102-6152)
TRAINING ACTIVITY: MTU 1039 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-1250A/ARC Receiver-Transmitter	2	Aug 84	GFE	Onboard
002	RT-1324A/ARC Receiver-Transmitter	2	Aug 84	GFE	Onboard
003	C-10319A/ARC Radio Set Control	2	Aug 84	CFE	Onboard
004	ID-2121A/ARC Remote Indicator	2	Aug 84	GFE	Onboard
005	MT-6330/ARC Mount Base	1	Aug 84	GFE	Onboard
006	RT-1498/ARC Receiver-Transmitter	2	Aug 84	GFE	Onboard
007	Processor Receiver	1	Aug 84	GFE	Onboard
008	C-11984/ARC Radio Set Control	1	Aug 84	GFE	Onboard
009	Attenuator	2	Aug 84	GFE	Onboard
010	Digital Multimeter	2	Aug 84	GFE	Onboard
011	Analyzer, Distortion	2	Aug 84	GFE	Onboard
012	Counter, Electrical	2	Aug 84	GFE	Onboard
013	Power Meter	2	Aug 84	GFE	Onboard
014	Generator, Signal	2	Aug 84	GFE	Onboard
015	Meter, Modulation	2	Aug 84	GFE	Onboard
016	Radio Test Set (652-2435-002)	2	Aug 84	GFE	Onboard
017	Test Set, Radio (622-7009-001)	1	Aug 84	GFE	Onboard
018	Test Set Adapter (622-7747-002)	1	Feb 98	GFE	Onboard
019	Test Set Adapter (622-7748-002)	2	Aug 84	GFE	Onboard
020	Test Set Adapter (622-7749-003)	2	Aug 84	GFE	Onboard
021	Test Set Adapter (622-7753-002)	1	Aug 84	GFE	Onboard
022	Directional Coupler	2	Aug 84	GFE	Onboard

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

023	Test Set Adapter (622-9655-001)	1	Aug 84	GFE	Onboard
024	Oscilloscope, Storage	2	Aug 84	GFE	Onboard
025	Function Generator	1	Aug 84	GFE	Onboard

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track M-102-6412)

TRAINING ACTIVITY: MTU 3001 NAMTRAGRU DET

LOCATION, UIC: MCAS Cherry Point, 66047

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-1250A/ARC Receiver-Transmitter	2	Oct 90	GFE	Onboard
002	RT-1324A/ARC Receiver-Transmitter	2	Oct 90	GFE	Onboard
003	C-10319A/ARC Radio Set Control	2	Oct 90	CFE	Onboard
004	ID-2121A/ARC Remote Indicator	2	Oct 90	GFE	Onboard
005	MT-6330/ARC Mount Base	1	Oct 90	GFE	Onboard
006	RT-1498/ARC Receiver-Transmitter	2	Oct 90	GFE	Onboard
007	Processor Receiver	1	Oct 90	GFE	Onboard
008	C-11984/ARC Radio Set Control	1	Oct 90	GFE	Onboard
009	Attenuator	2	Oct 90	GFE	Onboard
010	Digital Multimeter	2	Oct 90	GFE	Onboard
011	Analyzer, Distortion	2	Oct 90	GFE	Onboard
012	Counter, Electrical	2	Oct 90	GFE	Onboard
013	Power Meter	2	Oct 90	GFE	Onboard
014	Generator, Signal	2	Oct 99	GFE	Onboard
015	Meter, Modulation	2	Oct 90	GFE	Onboard
016	Radio Test Set (652-2435-002)	2	Oct 90	GFE	Onboard
017	Test Set, Radio (622-7009-001)	1	Oct 90	GFE	Onboard
018	Test Set Adapter (622-7747-002)	1	Oct 90	GFE	Onboard
019	Test Set Adapter (622-7748-002)	2	Oct 90	GFE	Onboard

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

020	Test Set Adapter (622-7749-003)	2	Oct 90	GFE	Onboard
021	Test Set Adapter (622-7753-002)	1	Oct 90	GFE	Onboard
022	Directional Coupler	2	Oct 90	GFE	Onboard
023	Test Set Adapter (622-9655-001)	1	Oct 90	GFE	Onboard
024	Oscilloscope, Storage	2	Oct 90	GFE	Onboard
025	Function Generator	1	Oct 90	GFE	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track D-102-6152)

TRAINING ACTIVITY: MTU 1007 NAMTRAGRU DET

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
Instructor Guides	3	Aug 84	Onboard
Student Guides	6	Aug 84	Onboard
Transparencies	4	Aug 84	Onboard

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track E-102-6152)

TRAINING ACTIVITY: MTU 1039 NAMTRAGRU DET

LOCATION, UIC: NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
Instructor Guides	3	Aug 84	Onboard
Student Guides	6	Aug 84	Onboard
Transparencies	4	Aug 84	Onboard

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track M-102-6412)

TRAINING ACTIVITY: MTU 3001 NAMTRAGRU DET

LOCATION, UIC: MCAS Cherry Point, 66047

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
Instructor Guides	3	Oct 90	Onboard
Student Guides	6	Oct 90	Onboard
Transparencies	4	Oct 90	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track D-102-6152)

TRAINING ACTIVITY: MTU 1007 NAMTRAGRU DET

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
523-0769-703 Operation and Intermediate Maintenance w/IPB, Electrical Equipment Mounting Base MT-4934/ARC and MT-4935/ARC	Hard copy	7	Aug 84	Onboard
ADM-3E Video Terminal Reference Manual	Hard copy	1	Aug 84	Onboard
AE-15OAC-570-000 Intermediate Maintenance w/ IPB, Radio Receiver-Transmitter RT-1379/ASW and RT 1379A/ASW	Hard copy	7	Aug 84	Onboard
AT-840AA-MIB-000 Intermediate Maintenance w/IPB, Radio Test Set TS-4110/ARC	Hard copy	7	Aug 84	Onboard
NA 01-1A-23 Standards Maintenance Practices, Electronic Assembly Repair	Hard copy	1	Aug 84	Onboard
NA 16-30ARM200-1 Intermediate Maintenance w/IPB, AN/ARM-200A Radio Test Set	Hard copy	7	Aug 84	Onboard
NA 16-30ARM200-2 Intermediate Maintenance w/IPB, AN/ARM-200A Radio Test Set Adapters	Hard copy	7	Aug 84	Onboard
NA 16-35-515F-1 Intermediate Maintenance w/IPB, Radio Receiver 515F-1/ARC	Hard copy	1	Aug 84	Onboard
NA 16-351556-1 Intermediate Maintenance w/IPB, Bandpass Filters F-1556/ARC and F-1556A/ARC	Hard copy	1	Aug 84	Onboard
NA 16-35AM7177-1 Intermediate Maintenance w/IPB, High Power Amplifier AM-7177A/ARC and AM-7279/ARC	Hard copy	1	Aug 84	Onboard
NA 16-35C10319-1 Intermediate Maintenance w/IPB, Radio Set Controls C-10319/ARC, C-10319A/ARC, C-10776/ARC, C-10319A/ARC, and C-12109/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35C11128-1 Intermediate Maintenance w/IPB, Radio Set Controls C-11128/ARC and C-11984/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35ID2121-1 Intermediate Maintenance w/IPB, Remote Indicator ID-2121A/ARC, ID-2229A/ARC, and ID-2303/ARC	Hard copy	7	Aug 84	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-35MT6330-1 Intermediate Maintenance w/IPB, Electrical Equipment Mounting Bases MT-6330/ARC and MT-6330A/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35RT1250-1 Intermediate Maintenance w/IPB, Radio Receiver-Transmitter RT-1250/ARC, RT-1250A/ARC, MOD RT-1250A/ARC, RT-1486/A, and RT-1498/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35RT1324-1 Intermediate Maintenance w/IPB, Radio Receiver-Transmitter RT-1324A/ARC, RT-1327A/ARC, RT-1407/ARC, and RT-1629/ARC	Hard copy	7	Aug 84	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	CD-ROM	1	Feb 86	Onboard

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track E-102-6152)

TRAINING ACTIVITY: MTU 1039 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, 66060

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
523-0769-703 Operation and Intermediate Maintenance w/IPB, Electrical Equipment Mounting Base MT-4934/ARC and MT-4935/ARC	Hard copy	7	Aug 84	Onboard
ADM-3E Video Terminal Reference Manual	Hard copy	1	Aug 84	Onboard
AE-15OAC-570-000 Intermediate Maintenance w/ IPB, Radio Receiver-Transmitter RT-1379/ASW and RT 1379A/ASW	Hard copy	7	Aug 84	Onboard
AT-840AA-MIB-000 Intermediate Maintenance w/IPB, Radio Test Set TS-4110/ARC	Hard copy	7	Aug 84	Onboard
NA 01-1A-23 Standards Maintenance Practices, Electronic Assembly Repair	Hard copy	1	Aug 84	Onboard
NA 16-30ARM200-1 Intermediate Maintenance w/IPB, AN/ARM-200A Radio Test Set	Hard copy	7	Aug 84	Onboard
NA 16-30ARM200-2 Intermediate Maintenance w/IPB, AN/ARM-200A Radio Test Set Adapters	Hard copy	7	Aug 84	Onboard
NA 16-35-515F-1 Intermediate Maintenance w/IPB, Radio Receiver 515F-1/ARC	Hard copy	1	Aug 84	Onboard
NA 16-351556-1 Intermediate Maintenance w/IPB, Bandpass Filters F-1556/ARC and F-1556A/ARC	Hard copy	1	Aug 84	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-35AM7177-1 Intermediate Maintenance w/IPB, High Power Amplifier AM-7177A/ARC and AM-7279/ARC	Hard copy	1	Aug 84	Onboard
NA 16-35C10319-1 Intermediate Maintenance w/IPB, Radio Set Controls C-10319/ARC, C-10319A/ARC, C-10776/ARC, C-10319A/ARC, and C-12109/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35C11128-1 Intermediate Maintenance w/IPB, Radio Set Controls C-11128/ARC and C-11984/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35ID2121-1 Intermediate Maintenance w/IPB, Remote Indicator ID-2121A/ARC, ID-2229A/ARC, and ID-2303/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35MT6330-1 Intermediate Maintenance w/IPB, Electrical Equipment Mounting Bases MT-6330/ARC and MT-6330A/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35RT1250-1 Intermediate Maintenance w/IPB, Radio Receiver-Transmitter RT-1250/ARC, RT-1250A/ARC, MOD RT-1250A/ARC, RT-1486/A, and RT-1498/ARC	Hard copy	7	Aug 84	Onboard
NA 16-35RT1324-1 Intermediate Maintenance w/IPB, Radio Receiver-Transmitter RT-1324A/ARC, RT-1327A/ARC, RT-1407/ARC, and RT-1629/ARC	Hard copy	7	Aug 84	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	CD-ROM	1	Feb 86	Onboard

CIN, COURSE TITLE: C-102-4017, AN/ARC-182 Communication Equipment Intermediate Maintenance (Track M-102-6412)

TRAINING ACTIVITY: MTU 3001 NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, 66047

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
523-0769-703 Operation and Intermediate Maintenance w/IPB, Electrical Equipment Mounting Base MT-4934/ARC and MT-4935/ARC	Hard copy	7	Oct 90	Onboard
ADM-3E Video Terminal Reference Manual	Hard copy	1	Oct 90	Onboard
AE-15OAC-570-000 Intermediate Maintenance w/ IPB, Radio Receiver-Transmitter RT-1379/ASW and RT-1379A/ASW	Hard copy	7	Oct 90	Onboard

IV.B.3. TECHNICAL MANUALS

AT-840AA-MIB-000 Intermediate Maintenance w/IPB, Radio Test Set TS-4110/ARC	Hard copy	7	Oct 90	Onboard
NA 01-1A-23 Standards Maintenance Practices, Electronic Assembly Repair	Hard copy	1	Oct 90	Onboard
NA 16-30ARM200-1 Intermediate Maintenance w/IPB, AN/ARM-200A Radio Test Set	Hard copy	7	Oct 90	Onboard
NA 16-30ARM200-2 Intermediate Maintenance w/IPB, AN/ARM-200A Radio Test Set Adapters	Hard copy	7	Oct 90	Onboard
NA 16-35-515F-1 Intermediate Maintenance w/IPB, Radio Receiver 515F-1/ARC	Hard copy	1	Aug 84	Onboard
NA 16-351556-1 Intermediate Maintenance w/IPB, Bandpass Filters F-1556/ARC and F-1556A/ARC	Hard copy	1	Oct 90	Onboard
NA 16-35AM7177-1 Intermediate Maintenance w/IPB, High Power Amplifier AM-7177A/ARC and AM-7279/ARC	Hard copy	1	Oct 90	Onboard
NA 16-35C10319-1 Intermediate Maintenance w/IPB, Radio Set Controls C-10319/ARC, C-10319A/ARC, C-10776/ARC, C-10319A/ARC, and C-12109/ARC	Hard copy	7	Oct 90	Onboard
NA 16-35C11128-1 Intermediate Maintenance w/IPB, Radio Set Controls C-11128/ARC and C-11984/ARC	Hard copy	7	Oct 90	Onboard
NA 16-35ID2121-1 Intermediate Maintenance w/IPB, Remote Indicator ID-2121A/ARC, ID-2229A/ARC, and ID-2303/ARC	Hard copy	7	Oct 90	Onboard
NA 16-35MT6330-1 Intermediate Maintenance w/IPB, Electrical Equipment Mounting Bases MT-6330/ARC and MT-6330A/ARC	Hard copy	7	Oct 99	Onboard
NA 16-35RT1250-1 Intermediate Maintenance w/IPB, Radio Receiver-Transmitter RT-1250/ARC, RT-1250A/ARC, MOD RT-1250A/ARC, RT-1486/A, and RT-1498/ARC	Hard copy	7	Oct 90	Onboard
NA 16-35RT1324-1 Intermediate Maintenance w/IPB, Radio Receiver-Transmitter RT-1324A/ARC, RT-1327A/ARC, RT-1407/ARC, and RT-1629/ARC	Hard copy	7	Oct 90	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	CD-ROM	1	Feb 86	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Promulgate ILS Master Plan	Dec 80	Completed
PDA	Conduct analysis of MPT requirements	Jun 81	Completed
PDA	Promulgate Draft NTP for review	Aug 81	Completed
OPO	Chair NTPC and issue minutes and action items that result	Nov 81	Completed
PDA	Submit Proposed NTP to OPNAV	Dec 82	Completed
OPO	Approve and promulgate NTP	Jan 83	Completed
OPTEVFOR	Conduct OPEVAL	Apr 84	Completed
TSA	Deliver curricula materials	Aug 84	Completed
TSA	Deliver TTE	Aug 84	Completed
TSA	Install TTE	Aug 84	Completed
TSA	Begin Training Advisory Services	Sep 84	Completed
TSA	Begin follow-on training	Feb 86	Completed
PDA	Achieve Material Support Date	Mar 88	Completed
PDA	Revise ILSP	Apr 94	Completed
TSA	Revise training course C-102-4017A to include ARM-200A and Have Quick	Apr 94	Completed
TSA	Develop Draft NTSP (Updated)	Aug 99	Completed
TSA	Distribute Updated Draft NTSP for comment	Sep 99	Completed
TSA	Develop Proposed NTSP (Updated)	Jan 00	Completed
OPO	Approve and promulgate NTP	Mar 00	Pending

PART VI - DECISION ITEMS/ACTION REQUIRED

DECISION ITEM OR
ACTION REQUIRED

COMMAND ACTION

DUE DATE

STATUS

None

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
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