

NAVY TRAINING SYSTEM PLAN

FOR THE

AN/ARC-182(V) RADIO SET

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

MAY 2004

AN/ARC-182(V) RADIO SET**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/ARC-182(V) Radio Set, hereafter referred to as the AN/ARC-182(V). 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 AN/ARC-182(V), when operated with a C-11984 Control Unit, provides a frequency hopping anti-jam capability. This feature is known as "HAVE QUICK". The AN/ARC-182(V) is post Milestone C Decision Point and is in the Operations and Support phase of the Defense Acquisition System. Initial Operating Capability was achieved in 1984.

All production deliveries of the AN/ARC-182(V) have been completed. As selected operational aircraft are updated with other radio sets, the replaced AN/ARC-182(V) assets are modified as required and reused on other platforms. AN/ARC-182(V) Reuse Program assets are currently being installed on the S-3B and the T-45 Aircraft.

The AN/ARC-182(V) is operated by Navy and Marine Corps Pilots and other aircrew personnel as a part of normal flight operations. The number of operators varies by aircraft type and model.

Navy Aviation Electronics Technicians (AT) with the appropriate aircraft-specific Navy Enlisted Classification (NEC) code 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 and Marine Corps personnel with MOS 6412. Depot level maintenance of the AN/ARC-182(V) is performed by Rockwell International, at Cedar Rapids, Iowa.

All initial training associated with the AN/ARC-182(V) has been completed. Follow-on operator training is included as part of aircrew training for each specific aircraft and is addressed in the aircraft NTSPs. Follow-on organizational level maintenance training is provided as part of the aircraft avionics systems organizational level maintenance course, and is addressed in the aircraft NTSPs. Follow-on intermediate level maintenance training for Navy ATs is established at the Center for Naval Aviation Technical Training Units (CNATTU), Oceana, Virginia, and Lemoore, California (formerly called Naval Air Maintenance Training Units). Follow-on intermediate level maintenance training for Marine Corps personnel is established at the Center for Naval Aviation Technical Training Marine Unit (CNATT MARUNIT), Cherry Point, North Carolina (formerly called Naval Air Maintenance Training Marine Unit).

Existing qualitative and quantitative manpower levels are sufficient to operate and maintain the AN/ARC-182(V) without change.

AN/ARC-182(V) RADIO SET

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AN/ARC-182(V) RADIO SET**LIST OF ACRONYMS**

ACDU	Active Duty
ADF	Automatic Direction Finder
AEW	Airborne Early Warning
AM	Amplitude Modulation
AMTCS	Aviation Maintenance Training Continuum System
AOB	Average Onboard
APMTS	Assistant Program Manager, Training Systems
AR	Active Reserve (Marine Corps)
AT	Aviation Electronics Technician
ATIR	Annual Training Input Requirement
BIT	Built-In Test
CAI	Computer-Aided Instruction
CAT	Category
CFE	Contractor Furnished Equipment
CFY	Current Fiscal Year
CIN	Course Identification Number
CNATT	Center for Naval Aviation Technical Training
CNATTU	Center for Naval Aviation Technical Training Unit
CNATT MARUNIT	Center for Naval Aviation Technical Training Marine Unit
CNO	Chief of Naval Operations
COMLANTFLT	Commander, U.S. Atlantic Fleet
COMNAVAIRESFOR	Commander, Naval Air Reserve Force
COMNAVRESFOR	Commander, Naval Reserve Force
COMOPTEVFOR	Commander, Operational Test and Evaluation Force
COMPACFLT	Commander, U.S. Pacific Fleet
DA	Developing Agency
ECP	Engineering Change Proposal
FM	Frequency Modulation
FMS	Foreign Military Sales
FTS	Full Time Support
FY	Fiscal Year
GFE	Government Furnished Equipment
GPETE	General Purpose Electronics Test Equipment

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LIST OF ACRONYMS

GPTE	General Purpose Test Equipment
HF	High Frequency
HPRR	Human Performance Requirements Review
HPT	Human Performance Technology
HSI	Human Systems Integration
ICS	Internal Communications System
ICW	Interactive Courseware
IMC	Integrated Maintenance Concept
LAMPS	Light Airborne Multipurpose System
LAST	Legacy Avionics Systems Team
MATMEP	Maintenance Training Management and Evaluation Program
MOS	Military Occupational Specialty
MSD	Material Support Date
MTIP	Maintenance Training Improvement Program
MTRR	Maintenance Training Requirements Review
MWOD	Multiple-Word-Of-Day
NA	Not Applicable
NATEC	Naval Air Technical Data and Engineering Service Command
NATO	North Atlantic Treaty Organization
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVAIR	Naval Air Systems Command
NAVPERSCOM	Naval Personnel Command
NEC	Navy Enlisted Classification
NET	Network
NETC	Naval Education and Training Command
NFO	Naval Flight Officer
NOBC	Navy Officer Billet Classification
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

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LIST OF ACRONYMS

OPO	OPNAV Principal Official
PDA	Principal Development Activity
PFY	Previous Fiscal Year
PJT	Practical Job Training
PMA	Program Manager, Air
PMOS	Primary Military Occupational Specialty
PNEC	Primary Navy Enlisted Classification
RFT	Ready For Training
RT	Receiver-Transmitter
SCORM	Sharable Content Object Reference Model
SDLM	Standard Depot Level Maintenance
SE	Support Equipment
SEAOPDET	Sea Operational Detachment
SELRES	Selected Reserves
SMCR	Selective Marine Corps Reserve
SMOS	Secondary Military Occupational Specialty
SNEC	Secondary Navy Enlisted Classification
SPETE	Special Purpose Electronic Test Equipment
SPTE	Special Purpose Test Equipment
SRA	Shop Replaceable Assembly
ST	Special Tool
TA	Training Agency
TD	Training Device
TECHEVAL	Technical Evaluation
TFMMS	Total Force Manpower Management System
TOD	Time-Of-Day
TSA	Training Support Activity
TTE	Technical Training Equipment
UCT	Universal Coordinated Time
UHF	Ultra High Frequency
UIC	Unit Identification Code
WOD	Word-Of-Day
WRA	Weapon Replaceable Assembly

AN/ARC-182(V) RADIO SET**PREFACE**

This Draft Navy Training System Plan (NTSP) for the AN/ARC-182(V) Radio Set, hereafter referred to as the AN/ARC-182(V), has been prepared to update the approved AN/ARC-182(V) NTSP, A-50-8115D/A, dated March 2000, 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. Changes and updates include:

- Updated physical and functional description
- Incorporation of Human Systems Integration (HSI) information
- Inclusion of Reuse Program delivery schedule
- Updated billet requirements and Annual Training Input Requirements (ATIR)
- Updated curricula materials list to include Computer-Aided Instruction (CAI) software requirements
- Updated milestones
- Updated points of contact
- Throughout the NTSP, Naval Air Maintenance Training (NAMTRA) has been replaced by Center for Naval Aviation Technical Training (CNATT).
- Throughout the NTSP, Training and Administration of the Reserves (TAR) has been replaced by Full Time Support (FTS).

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 (N78)
- OPO Resource Sponsor..... CNO (N78)
- Developing Agency NAVAIR (PMA209)
- Training Agency COMLANTFLT
COMPAFLT
CNATT
COMNAVRESFOR
- Training Support Agency..... NAVAIR (PMA205)
COMNAVRESFORCOM
- 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. 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 procured 45 AN/ARC-182(V) Radio Sets in Fiscal Year (FY) 90. For additional information concerning FMS or other military procurements, contact the appropriate platform Program Manager, Air (PMA).

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST

1. Developmental Test and Evaluation. 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, 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.

2. Operational Test and Evaluation. Operational Evaluation (OPEVAL) in the E-2C, F-14A, CH-46E, and CH-53D aircraft was completed in May 1983. The Commander, Operational Test and Evaluation Force (COMOPTVFOR) 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 COMOPTVFOR 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) 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

CONSOLE MOUNTED RADIOS	AVIONICS BAY MOUNTED RADIOS
	AN/ARC-187

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The AN/ARC-182(V) provides Navy and Marine Corps aircraft with direct securable communications. 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 Receiver-Transmitter (RT)-1250. The AN/ARC-182(V) transmits and receives AM or FM signals over a large frequency range using HAVE QUICK. HAVE QUICK is an anti-jam waveform that uses frequency hopping techniques. For two or more radios to successfully communicate on a HAVE QUICK Network (NET), each radio must have the same Time-Of-Day (TOD) and Word-Of-Day (WOD), and be operating on the same NET.

a. HAVE QUICK Network 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:

MODE	CATEGORY	AVAILABLE NETS
Combat	HAVE QUICK I	1000
Combat	HAVE QUICK II North Atlantic Treaty Organization (NATO)	1000
Combat	HAVE QUICK II Non-NATO	1000
Training	HAVE QUICK I	5
Training	HAVE QUICK II	16

b. 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.

c. 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. The Op-Date is automatically loaded and then the UCT is used; otherwise, the Op-Date must be manually entered into the unit.

AN/ARC-182(V) FAMILY OF EQUIPMENT		
NOMENCLATURE	PART NUMBER	DESCRIPTION
Remote-Mounted Receiver-Transmitters:		
RT-1250A/ARC	22-6321-001	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
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-10776B/ARC	622-6324-006	White light with semi-active bus (T-45 only)
C-11131/ARC	622-6324-003	Blue light
C-12109/ARC	622-6324-004	Night vision compatible light

AN/ARC-182(V) FAMILY OF EQUIPMENT		
NOMENCLATURE	PART NUMBER	DESCRIPTION
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
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)

AN/ARC-182(V) FAMILY OF EQUIPMENT		
NOMENCLATURE	PART NUMBER	DESCRIPTION
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 band pass filter
F-1556A/ARC	622-7471-002	Tunable band pass (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
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	Band pass filter (E-2C only)
F-1556/ARC	622-6328-001	Band pass 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

AN/ARC-182(V) FAMILY OF EQUIPMENT		
NOMENCLATURE	PART NUMBER	DESCRIPTION
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
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 physical dimensions and weight of major components within the AN/ARC-182(V) equipment family are as follows:

COMPONENTS	DIMENSIONS (INCHES)			WEIGHT (POUNDS)
	HEIGHT	WIDTH	DEPTH	
Remote-Mounted Receiver-Transmitters (all models)	4.875	5.000	9.000	10.0
Panel-Mounted Receiver-Transmitters (all models)	4.875	5.750	8.000	10.0
Radio Set Control used with Remote-Mounted Receiver-Transmitters	2.250	5.750	5.500	3.0
HAVE QUICK Radio Control Sets	2.250	5.750	5.500	3.0

COMPONENTS	DIMENSIONS (INCHES)			WEIGHT (POUNDS)
	HEIGHT	WIDTH	DEPTH	
Switching Unit Controls	2.250	5.750	3.700	3.0
Switching Units	3.100	3.100	8.500	3.5
Frequency-Channel Indicators	1.325	3.300	3.300	1.1
Antennas (Tail Cap and Vertical Fin)	The antenna is custom fitted to each aircraft.			
Filters	4.900	3.650	15.800	7.5
High Power Amplifiers	4.600	5.000	4.900	4.2
Mounting Bases	9.500	7.500	17.500	10.8

3. New Development Introduction

a. New Production Equipment. Production AN/ARC-182(V) equipment was introduced through a retrofit program for operational aircraft and as factory installed equipment in new production aircraft. All production deliveries of the AN/ARC-182(V) have been completed.

b. Reuse Program Equipment. As selected operational aircraft are updated with other radio sets, the replaced AN/ARC-182(V) assets are modified as required and reused on other platforms. AN/ARC-182(V) Reuse Program assets are currently being installed on the S-3B and the T-45 Aircraft. An installation schedule for Reuse Program equipment is contained in paragraph K.1 of this NTSP.

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 in the AN/ARC-182(V).

H. CONCEPTS

1. Operational Concept. The AN/ARC-182(V) is employed in the EA-6B, NC-130H, E-2C, TE-2C, E-6B, F/A-18A/B/C/D, F-14A/B/D, TH-1N, HH-1N, VH-3D, UH-3H, CH-46D, UH-46D, HH-46D, MH-53E, SH-60B, SH-60F, HH-60H, HH-60J, VH-60N, YSH-60F, P-3C,

UP-3A, NP-3D, S-3A, S-3B, ES-3A, T-45A/C, TAV-8B, and NTAV-8B aircraft. The AN/ARC-182(V) is operated by Navy and Marine Corps Pilots and other crewmembers as a part of normal flight operations. The number of operators varies by aircraft type and model.

2. Maintenance Concept. AN/ARC-182(V) maintenance is performed at three levels; organizational, intermediate, and depot in accordance with the procedures outlined in the Naval Aviation Maintenance Program, Office of the Chief of Naval Operations Instruction (OPNAVINST) 4790.2G.

a. Organizational. Organizational level maintenance is performed by squadron Aviation Electronics Technicians (AT) with the appropriate aircraft Navy Enlisted Classification (NEC) code and Marine Corps personnel with the appropriate aircraft Communication, Navigation, and Identification Military Occupational Specialty (MOS) assigned to Work Center 210. Specific aircraft NEC and MOS information is contained in the applicable platform NTSP identified in paragraph M. of this document.

(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 consists of the repair and replacement of consumable wiring, connectors, radio frequency cabling, external lamps, fuses, and relays. BIT and operational testing procedures are used to isolate malfunctions to a faulty Weapon Replaceable Assembly (WRA) or antenna.

b. Intermediate. Intermediate level maintenance of the AN/ARC-182(V) is performed by ATs with NEC 6611 and Marine Corps personnel with MOS 6412 assigned to Work Center 610. Intermediate level maintenance consists of isolating and verifying faulty WRAs and replacing faulty SRAs using the ARM-200A Test Set or the TS-4110/ARC Radio Test Set.

c. Depot. Depot level maintenance includes repair of WRAs and SRAs to the piece-part level. AN/ARC-182(V) depot level maintenance is performed by Rockwell International, Collins Advanced Communications Countermeasures Division, at Cedar Rapids, Iowa.

d. Interim Maintenance. Not Applicable (NA)

e. Life Cycle Maintenance Plan. NA

3. Manning Concept. Current Fleet manning is sufficient to operate and maintain the AN/ARC-182(V). No change to existing manpower is required or anticipated.

a. Operator. The AN/ARC-182(V) does not drive any aircrew billets. The manpower requirements for Pilots and other aircrew personnel that operate the AN/ARC-182(V) in Navy and Marine Corps aircraft is identified in each individual aircraft NTSP. These NTSPs are listed in paragraph M of this document.

b. Maintenance

(1) Organizational. The AN/ARC-182(V) alone does not drive any organizational level maintenance billets. AN/ARC-182(V) maintenance is part of the composite workload at the organizational level as driven by each aircraft squadron's Required Operating Capability/Projected Operating Environment. Marine Corps organizational level maintenance manpower requirements are established in the applicable squadron Table of Organization.

(2) Intermediate. At the intermediate level, Navy ATs with NEC 6611, *Aircraft UHF Communications, Automatic Direction Finder (ADF) and Intercommunications Systems (ICS) Equipment IMA Technician*, and Marine Corps personnel with MOS 6412, *Aircraft Communications Systems Technician, IMA*, maintain the AN/ARC-182(V) along with similar related systems. Intermediate maintenance billet data for Navy personnel was obtained from the Total Force Manpower Management System (TFMMS). Marine Corps intermediate maintenance billet data was obtained in the form of MOS extracts that used individual Marine Corps Table of Organization as source data. The manpower required to support AN/ARC-182(V) intermediate maintenance is detailed in Part II of this NTSP.

c. Instructor. Instructor requirements associated with aircrew training and organizational level maintenance training are identified in each individual aircraft NTSP listed in paragraph M. of this document. Instructor requirements for AN/ARC-182(V) intermediate level maintenance training are identified in element II.A.3 of this document.

4. Training Concept. The AN/ARC-182(V) is a mature system. All initial training has been completed. No additional initial training is required. Follow-on AN/ARC-182(V) operator and organizational level maintenance training is incorporated into existing aircrew and maintenance courses for the specific aircraft type that employs the AN/ARC-182(V).

Follow-on intermediate level maintenance training for Navy ATs is conducted at the Center for Naval Aviation Technical Training Units (CNATTU), Oceana, Virginia, and Lemoore, California (formerly Naval Air Maintenance Training Units). Follow-on intermediate level maintenance training for Marine Corps personnel is conducted at the Center for Naval Aviation Technical Training Marine Unit (CNATT MARUNIT), Cherry Point, North Carolina (formerly Naval Air Maintenance Training Marine Unit).

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

current skills, knowledge, and previous training are evaluated by the Commander, Naval Air Reserve Force and the CNATTU. In some cases, additional training is required. Specific guidelines are contained in NAVPERS 18068F Volume II, Chapter IV, Navy Enlisted Classifications manual.

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

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

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

a. Human Performance. Human Performance Technology (HPT) is used to improve individual and organizational performance. HPT indicates key design features in the training system to produce the desired performance results. The AN/ARC-182(V) has been in Fleet use for 20 years. During development of the AN/ARC-182(V) during the 1980s, task, skill requirements, and learning requirements analyses were conducted. Training methods and media needs were selected based on the analyses results and technology available during that period. Data that was developed during the analyses and development of the AN/ARC-182(V) training system is no longer available. Communications with the training model manager, CNATTU Oceana, indicates the AN/ARC-182(V) training course is evaluated annually by the Model Manager to identify deficiencies or performance gaps and potential for remedy. The most recent evaluation of the AN/ARC-182(V) training course indicates the AN/ARC-182(V) training course has physical and functional fidelity that is high with a significant amount of training laboratory time using actual equipment. Training methods used for maintenance training are considered satisfactory, and upgrading to Computer-Based Training is not cost effective when AN/ARC-182(V) service life expectancy is considered.

b. Training Media Life Cycle Management. The Naval Education and Training Command (NETC) (via Chief of Naval Education and Training Instruction 1500.30) established policy, procedures, and responsibility for the administration and operation of the NETC training feedback program. This program provides a web-based homepage template containing a training feedback form icon. Each school is to develop a form following this format with a link back to the NETC homepage at <https://www.netc.navy.mil/>. This web page form is used to receive feedback on any training issue or concern, or to make a recommendation that is general in nature. A Fleet partnership program is established to maintain a close relationship with representative samples of AN/ARC-182(V) operator and maintainers to evaluate the quality of the trained graduates and the relevance of skills trained.

In conjunction with this Fleet feedback program, a Human Performance Requirements Review (HPRR) process is required in accordance with OPNAVINST 1500.69A. HPRRs provide a process for Resource and Program Sponsors to identify and correct training deficiencies. The HPRR process replaced the Maintenance Training Requirements Review (MTRR) process. The last requirements review for AN/ARC-182(V) training was conducted in 1999 using the MTRR process. An HPRR for the AN/ARC-182(V) has not been scheduled.

Design changes for the AN/ARC-182(V) are effected by the approval of ECPs, which result in the issuance of Avionics Changes. The ECP process, in accordance with Naval Air Systems Command (NAVAIR) Instruction 4130.1C, is utilized to initiate upgrades to operational and training systems. During the ECP approval process, the impact upon manpower, personnel, and training is considered and documented. This is accomplished by the NAVAIR Change Control Board routing a copy of an ECP to the cognizant PMA205 Assistant Program Manager, Training Systems (APMTS). The APMTS evaluates the ECP and determines if modifications are required to courseware and training devices. If changes are required, the APMTS funds the requirement. Changes are incorporated and the modified courseware is turned over to the Course Model Manager, CNATTU Oceana.

The AN/ARC-182(V) training courseware and media have been updated over the ensuing years through the NAVAIR ECP process. All new ECPs for the AN/ARC-182(V) will take into consideration the human-machine interface for operators, maintainers, and support personnel. The Course Model Manager, CNATTU Oceana, maintains courseware configuration control. Approved ECPs are reflected in this document and the changes to the training system driven by them, as applicable, are:

- ECP-1046, HAVE QUICK capability. Intermediate maintenance course C-102-4017 was modified in April 1994 to incorporate HAVE QUICK capability information.
- ECP-13R2, modification of F-1556 filters to F-1556B configuration. This ECP had no impact on training; however, associated technical manuals required revision.
- ECP-272R2, modification of F-1556A filters to F-1556B configuration. This ECP had no impact on training; however, associated technical manuals required revision.

No new ECPs are currently proposed or approved for the AN/ARC-182(V).

c. Training Media and Delivery Method. The AN/ARC-182(V) training analysis and media selection was based on task analysis and media technology available during the 1980s. This led to instructor-led theory combined with practical application in the laboratory as the most effective and affordable method of training to support intermediate maintenance technicians' knowledge and skill requirements. Modifications to the AN/ARC-182(V) consist of configuration changes that do not impact on technicians' skill and knowledge requirements. These changes were not significant enough to warrant changes in training methods.

Currently, the AN/ARC-182(V) training course is not Sharable Content Object Reference Model (SCORM)-conformant. This course was developed prior to the promulgation of SCORM standards, and course updates since SCORM promulgation have not been significant enough to warrant the cost of conversion to SCORM. Modifications to this course affect less than ten percent of the total course length and content; therefore, the additional cost of conversion to SCORM is not considered cost-effective.

d. Initial Training. All initial training has been completed. Collins Avionics and Communications Division of Rockwell International Corporation provided initial training to selected military and civilian personnel including test and evaluation team members, Naval Air Technical Data and Engineering Service Command (NATEC) personnel, and CNATTU Instructors during the period of January 1983 through September 1985.

e. 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 NATEC 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). The following is a list of applicable Pilot and NFO courses:

COURSE NUMBER	COURSE TITLE
E-2A-1721	S-3B Fleet Replacement Pilot Category (CAT) I
E-2A-1722	S-3B Fleet Replacement Pilot CAT II
E-2A-1723	S-3B Fleet Replacement Pilot CAT III
E-2A-1724	S-3B Fleet Replacement Pilot CAT IV
E-2D-1721	S-3B Fleet Replacement NFO CAT I
E-2D-1722	S-3B Fleet Replacement NFO CAT II
E-2D-1723	S-3B Fleet Replacement NFO CAT III

COURSE NUMBER	COURSE TITLE
E-2D-1724	S-3B Fleet Replacement NFO CAT IV
D/E-2A-0601	F/A-18 Fleet Replacement Pilot 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
E-2B-0407	E-6 Fleet Replacement Pilot CAT I
E-2B-0406	E-6 Fleet Replacement Pilot CAT III
E-2D-0407	E-6 Fleet Replacement NFO CAT I
E-2D-0404	E-6 Fleet Replacement NFO CAT III
NA1	UH-1 Fleet Replacement Basic and Transition Pilot CAT I and CAT II
NA2	UH-1 Conversion Pilot
NA3	UH-1 Fleet Replacement Refresher Pilot CAT III
NA4	UH-1 Fleet Replacement Modified Refresher Pilot Cat IV
NA5	UH-1 FRS Instructor Pilot

COURSE NUMBER	COURSE TITLE
None Assigned	VH-60N Pilot System Familiarization
None Assigned	VH-60N Pilot COM/NAV System Familiarization
None Assigned	VH-3D Pilot System Familiarization
None Assigned	VH-3D Pilot COM/NAV System Familiarization
Q-2A-0007	T-45 Total System Strike Flight Training
Q-2A-0009	T-45 Advanced Strike Flight Training
Q-2A-0016	T-45 Strike Flight Instructor Training
Q-2A-0090	T-45 Jet Transition Strike Flight Instructor Training
NA1	AV-8B Fleet Replacement Pilot CAT I and CAT II
NA2	AV-8B Instructor Under Training Pilot Training
NA3	AV-8B Fleet Replacement Pilot CAT III
NA4	AV-8B Fleet Replacement Pilot CAT IV
E-2A-1821	EA-6B Fleet Replacement Pilot CAT I
E-2A-1822	EA-6B Fleet Replacement Pilot CAT II
E-2A-1823	EA-6B Fleet Replacement Pilot CAT III
E-2A-1824	EA-6B Fleet Replacement Pilot CAT IV
E-2A-1825	EA-6B Pilot Instructor Under Training
E-2D-1821	EA-6B Fleet Replacement NFO CAT I
E-2D-1822	EA-6B Fleet Replacement NFO CAT II
E-2D-1823	EA-6B Fleet Replacement NFO CAT III
E-2D-1824	EA-6B Fleet Replacement NFO CAT IV
E-2D-1825	EA-6B NFO Instructor Under Training
C-2A-3471	E-2/C-2 Aircraft Familiarization (Flight Crew)
D-2B-0301	E-2C Fleet Replacement Pilot CAT I

COURSE NUMBER	COURSE TITLE
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

COURSE NUMBER	COURSE TITLE
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 II
D-2C-2715	CH-53E Replacement Pilot CAT III
D-2C-2716	CH-53E Replacement Pilot CAT IV
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), NATEC 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 and discussed in detail in the applicable aircraft NTSP identified in paragraph M. of this document:

TRACK NUMBER	COURSE TITLE
E-102-6445	E-6B Avionics Systems (Initial) Organizational Maintenance
E-102-6144	E-6B Avionics Systems (Career) Organizational Maintenance
M-102-2024	H-1 Communications Navigation Identification System Maintenance
D/E-102-1728	S-3B Avionics Systems (Initial) Organizational Maintenance
D/E-102-1741	S-3B Avionics System (Career) Organizational Maintenance
None Assigned	VH COMM/NAV Organizational Maintenance (VH-3D and VH-60N maintenance technicians attend a contractor taught course at HMX-1.)
D/E-102-0622	F/A-18 Avionics Systems (Initial) Organizational Maintenance
D-102-1624	F-14A/B Avionics System (Initial) Organizational Maintenance
D-102-1623	F-14A/B Avionics System Career Organizational Maintenance
D-102-1625	F-14D Avionics System Initial Organizational Maintenance

TRACK NUMBER	COURSE TITLE
D-102-1630	F-14D Avionics System Career Organizational Maintenance
E-102-1827	EA-6B Communication Navigation and Radar Systems (Initial) Organizational Maintenance
E-102-1823	EA-6B Communication Navigation and Radar Systems (Career) Organizational Maintenance
D-102-0327	E-2C Airborne Early Warning (AEW) Systems Analyst Initial Organizational Maintenance
D/E-102-0325	E-2C Group 2 Avionics Organizational Career Maintenance
D/E 102-0328	E-2C Group 2 AEW Systems Analyst Initial Organizational Maintenance
D-102-2725	MH-53E Communication, Navigation and Identification Systems Career Organizational Maintenance
M-102-0122	AV-8B Aircraft Communication, Navigation, Identification and Electronic Counter Measures Weapons System Specialist Integrated Organizational Maintenance
D/E-102-1029	P-3C Integrated Avionics Systems CP-901(V) ASQ-114(V) Integrated Organizational Maintenance
D/E-102-0820	SH-60B LAMPS MK-3 Weapon System Technician (Initial) Organizational Maintenance
D/E-102-0825	SH-60B LAMPS MK-3 Weapon System Technician (Career) Organizational Maintenance
D/E-102-0823	SH-60F/HH-60H Electronics Systems (Initial) Organizational Maintenance
D/E-102-0822	SH-60F/HH-60H Electronics Systems (Career) Organizational Maintenance
D-102-0521	SH-3H Communication/Navigation System Integrated Organizational Maintenance
M-102-2731	CH-53 Communication/Navigation System Integrated Organizational Maintenance
M-102-2424	H-46 Aircraft Communication Navigation and Identification Systems Organizational Maintenance

(b) Intermediate. Intermediate maintenance training for the AN/ARC-182(V) is available through existing course C-102-4017 which is included in the following tracks:

Title.....	UHF Communications Equipment Intermediate Maintenance
CIN	D/E-102-6152
Model Manager	CNATTU Oceana
Description	<p>This track provides training to the Aviation Electronics Technician, including:</p> <ul style="list-style-type: none"> ° Testing, Troubleshooting, Circuit Analysis, and Fault Isolation ° AN/ARC-159(V) Transceivers and Associated Equipment ° AN/ARC-182(V) Communications Equipment <p>Upon completion, the graduate will be able to perform intermediate level maintenance on UHF communications, Automatic Direction Finder (ADF), and Internal Communications System (ICS) equipment in a shop environment under limited supervision.</p>
Delivery Method	<p>Course C-102-3116</p> <p>Total Course of Instruction 80 hours</p> <p>Instructor-Led Classroom 19 hours</p> <p>ICW..... 0 periods</p> <p>CAI 0 hours</p> <p>Laboratory 61 hours</p> <p>PJT (On-Aircraft Repair)..... 0 hours</p> <p>Course C-102-4017</p> <p>Total Course of Instruction 78 hours</p> <p>Instructor-Led Classroom 7 hours</p> <p>ICW..... 0 periods</p> <p>CAI 9 hours</p> <p>Laboratory 62 hours</p> <p>PJT (On-Aircraft Repair)..... 0 hours</p>
Length.....	30 days
Location.....	<ul style="list-style-type: none"> ° CNATTU Lemoore ° CNATTU Oceana
RFT Date	Currently available
Skill Identifier	AT 6611
TTE/TD	Refer to element IV.A.1 for a list of Technical Training Equipment (TTE). No Training Devices (TD) are required.
Prerequisites	<ul style="list-style-type: none"> ° C-100-2020, Avionics Common Core Class A1 ° C-100-2017, Avionics Technician Intermediate Level Class A1

Title.....	Aircraft Communications Equipment Intermediate Maintenance
CIN	M-102-6412
Model Manager	CNATTU MARUNIT Cherry Point
Description	<p>This track provides training to the Marine Corps Aircraft Communications Systems Technician, IMA, including:</p> <ul style="list-style-type: none"> ◦ Testing, Troubleshooting, Circuit Analysis, and Fault Isolation ◦ AN/ARC-159(V) Transceivers and Associated Equipment ◦ AN/ARC-182(V) Communications Equipment ◦ RT-648/ARC-94 High Frequency (HF) Transceivers and Associated Equipment ◦ RT-698/ARC-102 HF Transceivers and Associated Equipment ◦ 490T-1/1A/9 Antenna Coupler <p>Upon completion, the graduate will be able to perform intermediate level maintenance on HF communications, UHF communications, ADF, and ICS equipment in a shop environment under limited supervision.</p>

Delivery Method	<p>Course C-102-3012 Total Course of Instruction160 hours Instructor-Led Classroom36 hours ICW0 periods CAI0 hours Laboratory124 hours PJT (On-Aircraft Repair).....0 hours</p> <p>Course C-102-3026 Total Course of Instruction80 hours Instructor-Led Classroom19 hours ICW0 periods CAI0 hours Laboratory61 hours PJT (On-Aircraft Repair).....0 hours</p> <p>Course C-102-3116 Total Course of Instruction80 hours Instructor-Led Classroom19 hours ICW0 periods CAI0 hours Laboratory61 hours PJT (On-Aircraft Repair).....0 hours</p> <p>Course C-102-4017 Total Course of Instruction78 hours Instructor-Led Classroom16 hours ICW0 periods CAI0 hours Laboratory62 hours PJT (On-Aircraft Repair).....0 hours</p>
Length.....	60 days
Location.....	CNATT MARUNIT Cherry Point
RFT Date	Currently available
Skill Identifier	MOS 6412
TTE/TD	Refer to element IV.A.1 for a list of TTE. No TDs are required.
Prerequisites	<ul style="list-style-type: none"> ° C-100-2020, Avionics Common Core Class A1 ° C-100-2017, Avionics Technician Intermediate Level Class A1

f. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AT 6611	<ul style="list-style-type: none"> ◦ C-100-2020, Avionics Common Core Class A1 ◦ C-100-2017, Avionics Technician Intermediate Level Class A1
MOS 6412	<ul style="list-style-type: none"> ◦ C-100-2020, Avionics Common Core Class A1 ◦ C-100-2017, Avionics Technician Intermediate Level Class A1

g. Training Pipelines

(1) D/E-102-6152, Communications, Automatic Direction Finder, and Internal Communication System Equipment Intermediate Maintenance. No changes are required to course *C-102-4017, AN/ARC-182(V) Communication Equipment Intermediate Maintenance*, in this track.

(2) M-102-6412, Aircraft Communications Equipment Intermediate Maintenance. No changes are required to course *C-102-4017, AN/ARC-182(V) Communication Equipment Intermediate Maintenance*, in this track.

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace the Maintenance Training Improvement Program (MTIP). AMTCS is in its trial period, which was scheduled to be completed in April 2004. Upon completion of the trial, the F/A-18 will be the first aircraft community to implement AMTCS. All others will be implemented following the F/A-18. For more information about AMTCS, refer to PMA205B1.

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

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction for the technicians in the Fleet in the form of interactive courseware with Computer-Managed Instruction and CAI for the schoolhouse.

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

Upon receipt of direction from OPNAV (N782H), AMTCS concepts are to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP program.

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 is planned to be replaced by AMTCS with full implementation scheduled for FY09.)

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers. All new production contracts for the AN/ARC-182(V) have been completed. The AN/ARC-182 Reuse Program equipment is repaired or modified as required prior to installation by Rockwell International under the following contract:

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00421-02-D-0130	Rockwell International, Collins Advanced Communications Countermeasures Division	400 Collins Road N.E. Cedar Rapids, Iowa 52498

2. Program Documentation

DOCUMENT TITLE	RESPONSIBLE AGENCY	DATE
AN/ARC-182(V) Radio Set Integrated Logistics Support Plan, Revision K	PMA209	Approved 30 Apr 94
Maintenance Plan AVMP-219 for the AN/ARC-182(V) Radio Set (currently being revised)	PMA209	Approved 15 Jul 96

3. Technical Data Plan. All technical manuals and associated technical data required to support the operation and maintenance of the AN/ARC-182(V) are available and have been delivered. AN/ARC-182(V) technical manuals required to support intermediate level maintenance training are identified in element IV.B.3 of this NTSP.

4. Test Sets, Tools, and Test Equipment. Only common hand tools are required to perform organizational level maintenance of the AN/ARC-182(V). Intermediate level maintenance requires the use of common hand tools, General Purpose Electronics Test Equipment (GPETE), and two test sets. The test sets are the AN/ARM-200A Radio Test Set and the TS-4110/ARC Radio Test Set. The TS-4110/ARC Radio Test Set is only used by Marine Corps personnel when space requirements prohibit the use of the ARM-200A. The GPETE required to support AN/ARC-182(V) intermediate maintenance training is identified in element IV.A.1 of this NTSP.

5. Repair Parts. The Program Support Inventory Control Point, Philadelphia, Pennsylvania, manages all spare and repair parts for the AN/ARC-182(V). All fleet requirements for repair parts are requisitioned through normal supply channels. The initial Material Support Date (MSD) was achieved in March 1988. The MSD for HAVE QUICK spares was achieved in April 1994.

6. Human Systems Integration. HSI processes are focused on enabling, enhancing, supporting, and maintaining required levels of Human Performance capability in systems. The various aspects of HSI are often referred to in different ways, but must take into account the following system areas (sometime referred to as “domains”):

- Human Engineering

- Manpower
- Personnel
- Training and Performance Support
- Environment, Safety, and Health
- Habitability
- Systems Safety
- Survivability

HSI is an overarching element of Systems Engineering and the “HSI Process” is one of engineering coordination, facilitation, and advocacy with each competency participating in the design, engineering, Instructional System Development, and logistics processes. As an integral part of the Systems Engineering process, the goal of HSI is to balance the human engineering; manpower; personnel; training and performance support; environment, safety, and health; systems safety; habitability; and survivability requirements with design goals, thresholds, and constraints. An effective HSI program will increase overall system performance at the lowest total ownership cost by considering the capabilities and limitations of the warfighter throughout the system lifecycle. NAVAIR 4.6 is the NAVAIR lead for HSI engineering policies, processes, and tools. NAVAIR 4.6 assists program Integrated Product Teams by providing administrative, analytical, and technical support in implementing HSI practices within their specific programs and program strategies. No formal HSI Plan has been developed for the AN/ARC-182(V).

a. Human Engineering. The AN/ARC-182(V) has been designed to eliminate system characteristics that require excessive cognitive, physical, or sensory skills. As a result, the AN/ARC-182(V) does not entail extensive training or workload-intensive tasks.

b. Manpower. The AN/ARC-182(V) has been in Fleet use since 1984. The manpower required to operate and maintain the AN/ARC-182(V) is at a steady state and is not expected to change.

c. Personnel. The skills required to maintain the AN/ARC-182(V) are within the abilities of current NECs and MOSs. No additional skills are required.

d. Training and Performance Support. HSI factors that affect training are discussed in detail in paragraph H.4 of this NTSP.

e. Habitability. NA

f. Environment, Safety, and Occupational Health (ESOH). The AN/ARC-182(V) contains no materials that are a danger to the environment or the occupational health of the operator or maintenance technician. The electronic components within the AN/ARC-182(V) have been designed to exceed industry standards for safety.

g. Survivability. NA

h. System Safety. No System Safety issues have been identified with the AN/ARC-182(V).

K. SCHEDULES

1. Installation and Delivery Schedules. All production deliveries of the AN/ARC-182(V) have been completed. Reuse Program equipment is currently being installed in the S-3B and the T-45 Aircraft. The S-3B AN/ARC-182(V) Reuse Program is scheduled for completion in FY05. The T-45 AN/ARC-182(V) Reuse Program is scheduled for completion in FY07.

REUSE PROGRAM INSTALLATION SCHEDULE				
AIRCRAFT	FY04	FY05	FY06	FY07
S-3B	10	5		
T-45	16	16	30	10

2. Ready For Operational Use Schedule. The AN/ARC-182(V) is Ready For Operational Use 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) or Integrated Maintenance Concept (IMC). Installation of the AN/ARC-182(V) does not extend the aircraft’s normal SDLM or IMC schedule time.

4. Foreign Military Sales and Other Source Delivery Schedule. The AN/ARC-182(V) is installed on various platforms delivered to FMS customers. For information concerning FMS or other military procurement delivery schedules, contact the appropriate platform PMA.

5. Training Device and Technical Training Equipment Delivery Schedule. Technical Training Equipment (TTE) for the AN/ARC-182(V) maintenance training is itemized in element 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 TITLE	DOCUMENT NUMBER	PDA CODE	STATUS

DOCUMENT TITLE	DOCUMENT NUMBER	PDA CODE	STATUS
AV-8B Aircraft NTSP	N88-NTSP-A-50-8210D/A	PMA257	Approved Sep 01
C-130 Aircraft NTSP	N78-NTSP-A-50-0120/A	PMA207	Approved Oct 02
E-2C Aircraft NTSP	N88-NTSP-A-50-8716E/A	PMA231	Approved Aug 03
E-6A/B TACAMO Aircraft NTSP	N78-NTSP-A-50-5816E/A	PMA271	Approved Apr 03
EA-6B Aircraft NTSP	N88-NTSP-A-50-7904E/P	PMA234	Proposed Feb 04
F/A-18 Aircraft NTSP	N88-NTSP-A-50-7703I/D	PMA265	Draft Oct 02
F-14 A, F-14B, and F-14D Aircraft NTSP	N88-NTSP-A-50-8511C/A	PMA241	Approved Feb 02
H-46D Helicopter NTSP	N88-NTSP-A-50-9409A/A	PMA226	Approved May 01
H-60 Armed Helicopter Program NTSP	N78-NTSP-A-50-9805/A	PMA299	Approved Mar 02
MH-53E Helicopter NTSP	N88-NTSP-A-50-8417D/A	PMA261	Approved Feb 01
MH-60 Multi-Mission Helicopter NTSP	N88-NTSP-A-9902A/A	PMA299	Approved Jan 03
P-3C Aircraft NTSP	N88-NTSP-A-50-8112C/A	PMA290	Approved Apr 03
S-3B Aircraft NTSP	N88-NTSP-A-50-8310E/D	PMA290	Draft Mar 03
SH-60F Carrier Inner Zone Antisubmarine Warfare Helicopter NTSP	N88-NTSP-A-50-8508E/D	PMA299	Draft Mar 04

DOCUMENT TITLE	DOCUMENT NUMBER	PDA CODE	STATUS
UH-1N Helicopter NTSP	N88-NTSP-A-50-4904A/P	PMA276	Proposed May 04
VH-3D Helicopter NTSP	N88-NTSP-A-50-0007/A	PMA261	Approved Nov 01
VH-60N Helicopter NTSP	N88-NTSP-A-50-0008/A	PMA261	Approved Nov 01

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

SOURCE OF SCHEDULE: PMA209
SOURCE OF USN BILLETS: TFMMS
SOURCE OF USMC BILLETS: Marine Corps Tables of Organization Extract

DATE: February 2004
DATE: March 2004
DATE: March 2004

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

ACTIVITY, UIC		PFYs	CFY04	FY05	FY06	FY07	FY08
OPERATIONAL ACTIVITIES - USN							
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
LHD 5, USS Bataan	21879	1	0	0	0	0	0
CVN 69, USS Dwight D. Eisenhower	03369	1	0	0	0	0	0
CVN 65, USS Enterprise	03365	1	0	0	0	0	0
CVN 73, USS George Washington	21412	1	0	0	0	0	0
CVN 75, USS Harry S. Truman	21853	1	0	0	0	0	0
LHD 7, USS Iwo Jima	23027	1	0	0	0	0	0
CV 67, USS John F. Kennedy	03367	1	0	0	0	0	0
LHA 4, USS Nassau	20725	1	0	0	0	0	0
CVN 76, USS Ronald Reagan	22178	1	0	0	0	0	0
LHA 2, USS Saipan	20632	1	0	0	0	0	0
CVN 71, USS Theodore Roosevelt	21247	1	0	0	0	0	0
LHD 1, USS Wasp	21560	1	0	0	0	0	0
VAQ-209	53870	1	0	0	0	0	0
VAW-78	09102	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
COMSTRKFIGHTWINGPAC AIMD Lemoore	44321	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
CVN 72, USS Abraham Lincoln	21297	1	0	0	0	0	0
LHA 3, USS Belleau Wood	20633	1	0	0	0	0	0
LHD 6, USS Bonhomme Richard	22202	1	0	0	0	0	0
LHD 4, USS Boxer	20633	1	0	0	0	0	0
CVN 70, USS Carl Vinson	20993	1	0	0	0	0	0
LHD 2, USS Essex	21533	1	0	0	0	0	0
CVN 74, USS John C. Stennis	21847	1	0	0	0	0	0
LHD 3, USS Kearsarge	21700	1	0	0	0	0	0
CV 63, USS Kitty Hawk	03363	1	0	0	0	0	0
CVN 68, USS Nimitz	03368	1	0	0	0	0	0
LHA 5, USS Peleliu	20748	1	0	0	0	0	0
LHA 1, USS Tarawa	20550	1	0	0	0	0	0
VFA-201	09309	1	0	0	0	0	0
VFA-203 Det, Fort Worth	31633	1	0	0	0	0	0
VFA-204 Det Fort Worth	3234A	1	0	0	0	0	0
VQ-1 Det Misawa	09081	1	0	0	0	0	0

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

ACTIVITY, UIC		PFYs	CFY04	FY05	FY06	FY07	FY08
VR-55	53855	1	0	0	0	0	0
TOTAL:		41	0	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
AH-1/UH-1 (HMLA) Squadrons	00000	6	0	0	0	0	0
AV-8B (VMA) Squadrons	00000	7	0	0	0	0	0
C-130 (VMGR) Squadrons	00000	6	0	0	0	0	0
CH-53D (HMH) Squadrons	00000	3	0	0	0	0	0
CH-53E (HMH)	00000	6	0	0	0	0	0
EA-6B (VMAQ) Squadrons	00000	4	0	0	0	0	0
F/A-18 (VFMA) Squadrons	00000	8	0	0	0	0	0
F/A-18D VMFA(AW)) Squadrons	00000	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	00000	1	1	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-253	55251	1	0	0	0	0	0
VMGR-452	55251	1	0	0	0	0	0
VMMT-204	01171	1	0	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
TOTAL:		70	1	1	1	1	1
FLEET SUPPORT ACTIVITIES - USN							
AIMD Jacksonville	44319	1	0	0	0	0	0
AIMD NAS Corpus Christi	30244	1	0	0	0	0	0
AIMD NAS Norfolk	44325	1	0	0	0	0	0
AIMD NAS Oceana	44327	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
COMFAIR KEF AIMD Keflavik	44335	1	0	0	0	0	0
COMFAIRMED A/C Det Sigonella	44378	1	0	0	0	0	0
COMFAIRMED AIMD Sigonella	44330	1	0	0	0	0	0
COMFAIRMED AIMU Rota	44374	1	0	0	0	0	0
NAVTESTWINGLANT	39782	1	0	0	0	0	0

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

ACTIVITY, UIC		PFYs	CFY04	FY05	FY06	FY07	FY08
NAWCAD OPDET Patuxent River	35679	1	0	0	0	0	0
RAIMD NAF Washington DC	44492	1	0	0	0	0	0
RAIMD NAS Willow Grove	44493	1	0	0	0	0	0
SEAOPDET AIMD Jacksonville	46965	1	0	0	0	0	0
SEAOPDET AIMD Norfolk	46966	1	0	0	0	0	0
SEAOPDET AIMD Oceana	46963	1	0	0	0	0	0
AIMD MCBH Kaneohe Bay	44312	1	0	0	0	0	0
AIMU Fallon AIMD	44317	1	0	0	0	0	0
COMAEWWINGPAC Det AIMD Point Mugu	44328	1	0	0	0	0	0
COMFAIRWESTPAC Det AIMD Atsugi	44323	1	0	0	0	0	0
COMFAIRWESTPAC Det AIMD Diego Garcia	44337	1	0	0	0	0	0
COMSEACONTROLWINGPAC Det AIMD	44326	1	0	0	0	0	0
COMVAQWINGPAC Det AIMD Whidbey	44329	1	0	0	0	0	0
CV/CVN SEAOPDET Lemoore	46964	1	0	0	0	0	0
CV/CVN SEAOPDET North Island	46968	1	0	0	0	0	0
CV/CVN SEAOPDET Point Mugu	46962	1	0	0	0	0	0
CV/CVN SEAOPDET Whidbey Island	46967	1	0	0	0	0	0
EA-6B VANOPDET Whidbey Island	31179	1	0	0	0	0	0
FMP MMF Charlie	68704	1	0	0	0	0	0
RAIMD JRB Fort Worth	44487	1	0	0	0	0	0
VX-31	39787	1	0	0	0	0	0
TOTAL:		32	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - USMC							
H&HS MCAS Beaufort	02031	1	0	0	0	0	0
MALS Rotary Wing	00000	5	0	0	0	0	0
MALS-42	04156	1	0	0	0	0	0
MALS-49	01197	1	0	0	0	0	0
MATSG-22 Pensacola	06080	1	0	0	0	0	0
H&HS MCAS Iwakuni	21635	1	0	0	0	0	0
H&HS MCAS Yuma	01243	1	0	0	0	0	0
TOTAL:		11	0	0	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OF	ENL			
OPERATIONAL ACTIVITIES - USN					
HCS-4, 53811					
FTS	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	1			
HM-14, 53827					
ACDU	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	1			
HS-75, 09031					
FTS	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	1			
LHD 5, USS Bataan, 21879					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
CVN 69, USS Dwight D. Eisenhower, 03369					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
CVN 65, USS Enterprise, 03365					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
CVN 73, USS George Washington, 21412					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
CVN 75, USS Harry S. Truman, 21853					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
LHD 7, USS Iwo Jima, 23027					
ACDU	0	1	AT1	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
	OF	ENL			
CV 67, USS John F. Kennedy, 03367					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
LHA 4, USS Nassau, 20725					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
CVN 76, USS Ronald Reagan, 22178					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
LHA 2, USS Saipan, 20632					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
CVN 71, USS Theodore Roosevelt, 21247					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
LHD 1, USS Wasp, 21560					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
VAQ-209, 53870					
SELRES	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
VAW-78, 09102					
FTS	0	1	AT3	6634	6611
ACTIVITY TOTAL:	0	1			
VR-53, 55617					
FTS	0	1	AT2	6611	6613
ACTIVITY TOTAL:	0	1			
VR-54, 52895					
FTS	0	1	AT2	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
	OF	ENL			
VR-62, 09324					
FTS	0	1	AT2	6611	6613
ACTIVITY TOTAL:	0	1			
COMSTRKFIGHTWINGPAC AIMD Lemoore, 44321					
ACDU	0	1	AT3	6611	
COMSTRKFIGHTWINGPAC AIMD Lemoore, 44321, FY06 Increment					
ACDU	0	1	AT2	6611	
ACTIVITY TOTAL:	0	2			
HC-85, 09061					
FTS	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
FTS	0	1	AT2	6611	6609
ACTIVITY TOTAL:	0	2			
CVN 72, USS Abraham Lincoln, 21297					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
LHA 3, USS Belleau Wood, 20633					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
LHD 6, USS Bonhomme Richard, 22202					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
LHD 4, USS Boxer, 20633					
ACDU	0	1	AT1	6611	
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
	OF	ENL			
CVN 70, USS Carl Vinson, 20993					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
LHD 2, USS Essex, 21533					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
CVN 74, USS John C. Stennis, 21847					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
LHD 3, USS Kearsarge, 21700					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
CV 63, USS Kitty Hawk, 03363					
ACDU	0	1	AT2	6607	6611
	0	1	AT2	6609	6611
	0	1	AT3	6607	6611
	0	2	AT3	6611	6613
	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	6			
CVN 68, USS Nimitz, 03368					
ACDU	0	1	AT3	6611	6613
ACTIVITY TOTAL:	0	1			
LHA 5, USS Peleliu, 20748					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
LHA 1, USS Tarawa, 20550					
ACDU	0	1	AT1	6611	
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
	OF	ENL			
VFA-201, 09309					
SELRES	0	1	ATAN	661	6607
ACTIVITY TOTAL:	0	1			
VFA-203 Det, Fort Worth, 31633					
SELRES	0	1	AT3	6611	6607
ACTIVITY TOTAL:	0	1			
VFA-204 Det Fort Worth, 3234A					
SELRES	0	1	AT3	6611	6607
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					
FTS	0	1	AT2	6611	6613
ACTIVITY TOTAL:	0	1			
OPERATIONAL ACTIVITIES - USMC					
AH-1/UH-1 (HMLA) Squadrons, 00000					
USMC	0	12	LCPL	6422	6412
ACTIVITY TOTAL:	0	12			
AV-8B (VMA) Squadrons, 00000					
USMC	0	7	CPL	6422	6412
	0	7	LCPL	6422	6412
ACTIVITY TOTAL:	0	14			
C-130 (VMGR) Squadrons, 00000					
USMC	0	6	SGT	6412	
	0	6	CPL	6412	
	0	6	LCPL	6422	6412
	0	12	LCPL	6412	
ACTIVITY TOTAL:	0	30			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OF	ENL			
CH-53D (HMH) Squadrons, 00000					
USMC	0	3	SGT	6422	6412
ACTIVITY TOTAL:	0	3			
CH-53E (HMH), 00000					
USMC	0	12	LCPL	6422	6412
ACTIVITY TOTAL:	0	12			
EA-6B (VMAQ) Squadrons, 00000					
USMC	0	4	CPL	6412	6422
	0	4	CPL	6422	6412
ACTIVITY TOTAL:	0	8			
F/A-18 (VFMA) Squadrons, 00000					
USMC	0	8	CPL	6422	6412
	0	8	LCPL	6412	
ACTIVITY TOTAL:	0	16			
F/A-18D VMFA(AW) Squadrons, 00000					
USMC	0	6	CPL	6422	6412
ACTIVITY TOTAL:	0	6			
HMH-772, 09490					
USMC	0	1	LCPL	6422	6412
ACTIVITY TOTAL:	0	1			
HMLA-773, 09431					
USMC	0	1	LCPL	6422	6412
SMCR	0	1	LCPL	6422	6412
ACTIVITY TOTAL:	0	2			
HMLA-775 Det A, 09415					
USMC	0	1	LCPL	6422	6412
ACTIVITY TOTAL:	0	1			
HMM-774, 09430					
USMC	0	1	SGT	6422	6412
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
	OF	ENL			
HMT-302, 55203					
AR	0	2	LCPL	6412	
ACTIVITY TOTAL:	0	2			
HMT-303, 55176					
USMC	0	3	LCPL	6412	
ACTIVITY TOTAL:	0	3			
HMX-1, 55615					
USMC	0	2	CPL	6412	
ACTIVITY TOTAL:	0	2			
MV-22A (VMM) Squadrons, 00000					
USMC	0	2	SGT	6422	6412
MV-22A (VMM) Squadrons, 00000, FY04 Increment					
USMC	0	2	SGT	6422	6412
MV-22A (VMM) Squadrons, 00000, FY05 Increment					
USMC	0	2	SGT	6422	6412
MV-22A (VMM) Squadrons, 00000, FY06 Increment					
USMC	0	2	SGT	6422	6412
MV-22A (VMM) Squadrons, 00000, FY07 Increment					
USMC	0	2	SGT	6422	6412
MV-22A (VMM) Squadrons, 00000, FY08 Increment					
USMC	0	2	SGT	6422	6412
ACTIVITY TOTAL:	0	12			
VMAT-203, 45483					
USMC	0	5	SGT	6412	
	0	2	LCPL	6412	
ACTIVITY TOTAL:	0	7			
VMFA-142, 67243					
USMC	0	1	CPL	6422	6412
	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
	OF	ENL			
VMFA-321, 67235					
USMC	0	1	CPL	6422	6412
	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	2			
VMGR-253, 55251					
USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
VMGR-452, 55251					
USMC	0	1	SGT	6412	
	0	1	CPL	6422	6412
	0	1	LCPL	6412	
SMCR	0	1	SGT	6412	
	0	1	CPL	6422	6412
	0	2	CPL	6412	
	0	3	LCPL	6412	
ACTIVITY TOTAL:	0	10			
VMMT-204, 01171					
USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
HMH-769, 09487					
USMC	0	1	LCPL	6422	6412
ACTIVITY TOTAL:	0	1			
HMLA-775, 55252					
USMC	0	1	LCPL	6422	6412
SMCR	0	1	LCPL	6422	6412
ACTIVITY TOTAL:	0	2			
HMM (T) 164, 09408					
USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
HMM-764, 09402					
USMC	0	1	SGT	6422	6412
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
	OF	ENL			
HMT-301, 39797					
USMC	0	1	SGT	6412	
ACTIVITY TOTAL:	0	1			
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	3	LCPL	6412	
ACTIVITY TOTAL:	0	3			
VMGR-234, 08344					
USMC	0	1	SGT	6412	
	0	1	CPL	6422	6412
	0	1	LCPL	6412	
SMCR	0	1	SGT	6412	
	0	1	CPL	6422	6412
	0	2	CPL	6412	
	0	3	LCPL	6412	
ACTIVITY TOTAL:	0	10			
VMR-1, 67879					
USMC	0	1	CPL	6412	
ACTIVITY TOTAL:	0	1			
FLEET SUPPORT ACTIVITIES - USN					
AIMD Jacksonville, 44319					
ACDU	0	2	AT1	6611	
	0	2	AT2	6611	
	0	7	AT3	6611	
	0	1	AT3	6611	9527
	0	3	ATAN	6611	
ACTIVITY TOTAL:	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
	OF	ENL			
AIMD NAS Corpus Christi, 30244					
ACDU	0	1	AT1	6611	
	0	1	AT2	6611	
ACTIVITY TOTAL:	0	2			
AIMD NAS Norfolk, 44325					
ACDU	0	1	AT1	6611	
	0	1	AT2	6611	
	0	2	AT3	6611	
SELRES	0	1	AT1	6611	
	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	6			
AIMD NAS Oceana, 44327					
ACDU	0	4	AT2	6611	
	0	2	AT2	6611	9526
	0	2	AT3	6607	6611
	0	3	AT3	6609	6611
	0	2	AT3	6611	6607
ACTIVITY TOTAL:	0	13			
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			
COMFAIR KEF AIMD Keflavik, 44335					
ACDU	0	1	AT3	6611	
ACTIVITY TOTAL:	0	1			
COMFAIRMED A/C Det Sigonella, 44378					
ACDU	0	1	AT3	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
	OF	ENL			
COMFAIRMED AIMD Sigonella, 44330					
ACDU	0	2	AT2	6611	
	0	1	AT3	6611	
	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	4			
COMFAIRMED AIMU Rota, 44374					
ACDU	0	1	AT2	6611	
SELRES	0	1	AT2	6611	
ACTIVITY TOTAL:	0	2			
NAVTESTWINGLANT, 39782					
ACDU	0	1	AT1	6611	
	0	1	AT2	6611	
	0	1	AT2	6613	6611
	0	2	AT3	6611	
	0	1	AT3	6611	6613
	0	1	AT3	6611	9526
	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	8			
NAWCAD OPDET 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					
FTS	0	1	AT2	6611	9526
ACTIVITY TOTAL:	0	1			
RAIMD NAS Willow Grove, 44493					
FTS	0	1	AT3	6611	
ACTIVITY TOTAL:	0	1			
SEAOPDET AIMD Jacksonville, 46965					
ACDU	0	5	AT3	6607	6611
	0	5	ATAN	6611	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OF	ENL			
SEAOPDET AIMD Jacksonville, 46965, FY06 Increment ACDU	0	1	AT3	6607	6611
SEAOPDET AIMD Jacksonville, 46965, FY07 Increment ACDU	0	1	AT3	6607	6611
SEAOPDET AIMD Jacksonville, 46965, FY08 Increment ACDU	0	1	AT3	6607	6611
ACTIVITY TOTAL:	0	13			
SEAOPDET AIMD Norfolk, 46966 ACDU	0	5	AT2	6611	6609
ACTIVITY TOTAL:	0	5			
SEAOPDET AIMD Oceana, 46963 ACDU	0	7	AT2	6607	6611
	0	2	AT2	6611	6607
	0	1	ATAN	6611	
ACTIVITY TOTAL:	0	10			
AIMD MCBH Kaneohe Bay, 44312 ACDU	0	1	AT1	6611	
	0	1	AT3	6611	
ACTIVITY TOTAL:	0	2			
AIMU Fallon AIMD, 44317 ACDU	0	1	AT2	6611	
ACTIVITY TOTAL:	0	1			
COMAEWWINGPAC Det AIMD Point Mugu, 44328 ACDU	0	1	AT1	6611	
	0	1	AT2	6611	
ACTIVITY TOTAL:	0	2			
COMFAIRWESTPAC Det AIMD Atsugi, 44323 ACDU	0	2	AT1	6611	
	0	1	AT2	6611	
	0	2	AT3	6611	
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
	OF	ENL			
COMFAIRWESTPAC Det AIMD Diego Garcia, 44337					
ACDU	0	1	AT2	6611	
SELRES	0	2	AT1	6611	
ACTIVITY TOTAL:	0	3			
COMSEACONTROLWINGPAC Det AIMD North Island, 44326					
ACDU	0	1	AT1	6611	
	0	4	AT2	6611	
	0	1	AT2	6611	9526
	0	1	AT2	6611	9527
	0	1	AT3	6611	
ACTIVITY TOTAL:	0	8			
COMVAQWINGPAC Det AIMD Whidbey Island, 44329					
ACDU	0	1	AT1	6611	
	0	1	AT2	6611	
	0	1	AT3	6611	
ACTIVITY TOTAL:	0	3			
CV/CVN SEAOPDET Lemoore, 46964					
ACDU	0	4	AT2	6611	6607
ACTIVITY TOTAL:	0	4			
CV/CVN SEAOPDET North Island, 46968					
ACDU	0	4	ATAN	6611	
ACTIVITY TOTAL:	0	4			
CV/CVN SEAOPDET Point Mugu, 46962					
ACDU	0	4	AT2	6611	6609
ACTIVITY TOTAL:	0	4			
CV/CVN SEAOPDET Whidbey Island, 46967					
ACDU	0	9	AT3	6611	
ACTIVITY TOTAL:	0	9			
EA-6B VANOPDET Whidbey Island, 31179					
ACDU	0	5	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
	OF	ENL			
FMP MMF CHARLIE, 68704					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
RAIMD JRB Fort Worth, 44487					
FTS	0	2	AT2	6609	6611
	0	1	AT3	6609	6611
ACTIVITY TOTAL:	0	3			
VX-31, 39787					
ACDU	0	1	AT1	6611	
ACTIVITY TOTAL:	0	1			
FLEET SUPPORT ACTIVITIES - USMC					
H&HS MCAS Beaufort, 02031					
USMC	0	1	CPL	6412	6422
ACTIVITY TOTAL:	0	1			
MALS Rotary Wing, 00000					
USMC	0	5	LCPL	6412	
ACTIVITY TOTAL:	0	5			
MALS-42, 04156					
SMCR	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
MALS-49, 01197					
SMCR	0	1	LCPL	6412	
ACTIVITY TOTAL:	0	1			
MATSG-22 Pensacola, 06080					
USMC	0	2	SGT	6412	
ACTIVITY TOTAL:	0	2			
H&HS MCAS Iwakuni, 21635					
USMC	0	1	SGT	6422	6412
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
	OF	ENL			
H&HS MCAS Yuma, 01243					
USMC	0	1	CPL	6412	6422
ACTIVITY TOTAL:	0	1			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY04		FY05		FY06		FY07		FY08	
		OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL
USN OPERATIONAL ACTIVITIES - ACDU													
AT1	6611		12		0		0		0		0		0
AT2	6607 6611		1		0		0		0		0		0
AT2	6609 6611		1		0		0		0		0		0
AT2	6611		0		0		0		1		0		0
AT2	6611 6605		1		0		0		0		0		0
AT2	6611 6609		2		0		0		0		0		0
AT3	6607 6611		1		0		0		0		0		0
AT3	6611		2		0		0		0		0		0
AT3	6611 6613		13		0		0		0		0		0
ATAN	6611		1		0		0		0		0		0
USN OPERATIONAL ACTIVITIES - FTS													
AT2	6611 6609		2		0		0		0		0		0
AT2	6611 6613		5		0		0		0		0		0
AT3	6634 6611		1		0		0		0		0		0
ATAN	6611		1		0		0		0		0		0
USN 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	0661 6607		1		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
SGT	6412		17		0		0		0		0		0
SGT	6422 6412		7		2		2		2		2		2
CPL	6412		9		0		0		0		0		0
CPL	6412 6422		6		0		0		0		0		0
CPL	6422 6412		29		0		0		0		0		0
LCPL	6412		34		0		0		0		0		0
LCPL	6422 6412		42		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR													
LCPL	6412		2		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR													
SGT	6412		2		0		0		0		0		0
CPL	6412		4		0		0		0		0		0
CPL	6422 6412		2		0		0		0		0		0
LCPL	6412		6		0		0		0		0		0
LCPL	6422 6412		2		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - ACDU													
AT1	6611		14		0		0		0		0		0
AT2	6607 6611		7		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		CFY04		FY05		FY06		FY07		FY08	
		OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL
AT2	6611		23		0		0		0		0		0
AT2	6611 6607		6		0		0		0		0		0
AT2	6611 6609		10		0		0		0		0		0
AT2	6611 9526		3		0		0		0		0		0
AT2	6611 9527		1		0		0		0		0		0
AT2	6613 6611		1		0		0		0		0		0
AT3	6607 6611		7		0		0		1		1		1
AT3	6609 6611		3		0		0		0		0		0
AT3	6611		30		0		0		0		0		0
AT3	6611 6607		2		0		0		0		0		0
AT3	6611 6613		6		0		0		0		0		0
AT3	6611 9526		1		0		0		0		0		0
AT3	6611 9527		1		0		0		0		0		0
ATAN	6611		15		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - FTS													
AT2	6609 6611		2		0		0		0		0		0
AT2	6611 9526		1		0		0		0		0		0
AT3	6609 6611		1		0		0		0		0		0
AT3	6611		1		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - SELRES													
AT1	6611		3		0		0		0		0		0
AT2	6611		1		0		0		0		0		0
ATAN	6611		1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC													
SGT	6412		2		0		0		0		0		0
SGT	6422 6412		1		0		0		0		0		0
CPL	6412 6422		2		0		0		0		0		0
LCPL	6412		5		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
LCPL	6412		2		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		CFY04		FY05		FY06		FY07		FY08	
		OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL
SUMMARY TOTALS:													
USN OPERATIONAL ACTIVITIES - ACDU													
		34		0		0		1		0		0	
USN OPERATIONAL ACTIVITIES - FTS													
		9		0		0		0		0		0	
USN OPERATIONAL ACTIVITIES - SELRES													
		5		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - USMC													
		144		2		2		2		2		2	
USMC OPERATIONAL ACTIVITIES - AR													
		2		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - SMCR													
		16		0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - ACDU													
		130		0		0		1		1		1	
USN FLEET SUPPORT ACTIVITIES - FTS													
		5		0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - SELRES													
		5		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
		10		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - SMCR													
		2		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		CFY04		FY05		FY06		FY07		FY08	
		OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL
GRAND TOTALS:													
USN - ACDU		164	0	0	0	2	1	1					
USN - FTS		14	0	0	0	0	0	0					
USN - SELRES		10	0	0	0	0	0	0					
USMC - USMC		154	2	2	2	2	2	2					
USMC - AR		2	0	0	0	0	0	0					
USMC - SMCR		18	0	0	0	0	0	0					

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

SOURCE OF SCHEDULE: PMA209

DATE: February 2004

ACTIVITY, UIC		PFYs	CFY04	FY05	FY06	FY07	FY08
FLEET SUPPORT ACTIVITIES - USN							
AIMD NAVSTA Roosevelt Roads	44373	0	0	1	0	0	0
ACTIVITY TOTAL:		0	0	1	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OF	ENL			
FLEET SUPPORT ACTIVITIES - USN					
AIMD NAVSTA Roosevelt Roads, 44373, FY05 Increment					
ACDU	0	1	AT1	6611	
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		CFY04		FY05		FY06		FY07		FY08	
		OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL
USN FLEET SUPPORT ACTIVITIES - ACDU													
AT1	6611		1		0		-1		0		0		0
SUMMARY TOTALS:													
USN FLEET SUPPORT ACTIVITIES - ACDU													
			1		0		-1		0		0		0
GRAND TOTALS:													
USN - ACDU													
			1		0		-1		0		0		0

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

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY04		FY05		FY06		FY07		FY08	
			OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL		

TRAINING ACTIVITY, LOCATION, UIC: CNATTU Lemoore, 66060

INSTRUCTOR BILLETS

USN														
AT1	6611	9502	0	2	0	2	0	2	0	2	0	2	0	2
AT2	6611	9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:			0	3	0	3	0	3	0	3	0	3	0	3

TRAINING ACTIVITY, LOCATION, UIC: CNATTU Oceana, 66045

INSTRUCTOR BILLETS

USN														
AT1	6611	9502	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

TRAINING ACTIVITY, LOCATION, UIC: CNATT MARUNIT Cherry Point, 02002

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		CFY04		FY05		FY06		FY07		FY08	
		OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL	OF	ENL
CNATTU Oceana, 66045	USN	0.0	2.4	0.0	2.4	0.0	2.4	0.0	2.5	0.0	2.5	0.0	2.5
CNATT MARUNIT Cherry Point, 02002	USMC	0.0	7.9	0.0	8.1	0.0	8.5	0.0	8.3	0.0	8.7	0.0	8.5
CNATTU Lemoore, 66060	USN	0.0	1.7	0.0	1.7	0.0	1.7	0.0	1.8	0.0	1.7	0.0	1.7
SUMMARY TOTALS:													
	USN	0.0	4.1	0.0	4.1	0.0	4.1	0.0	4.3	0.0	4.2	0.0	4.2
	USMC	0.0	7.9	0.0	8.1	0.0	8.5	0.0	8.3	0.0	8.7	0.0	8.5
GRAND TOTALS:		0.0	12.0	0.0	12.2	0.0	12.6	0.0	12.6	0.0	12.9	0.0	12.7

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY04 +/- CUM	FY05 +/- CUM	FY06 +/- CUM	FY07 +/- CUM	FY08 +/- CUM
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a. OFFICER – USN Not Applicable

b. ENLISTED - USN

Operational Billets ACDU and FTS

AT1	6611		12	0	12	0	12	0	12	0	12	0	12
AT2	6607	6611	1	0	1	0	1	0	1	0	1	0	1
AT2	6609	6611	1	0	1	0	1	0	1	0	1	0	1
AT2	6611		0	0	0	0	0	1	1	0	1	0	1
AT2	6611	6605	1	0	1	0	1	0	1	0	1	0	1
AT2	6611	6609	4	0	4	0	4	0	4	0	4	0	4
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	6611		2	0	2	0	2	0	2	0	2	0	2
AT3	6611	6613	13	0	13	0	13	0	13	0	13	0	13
AT3	6634	6611	1	0	1	0	1	0	1	0	1	0	1
ATAN	6611		2	0	2	0	2	0	2	0	2	0	2

Fleet Support Billets ACDU and FTS

AT1	6611		14	0	14	-1	13	0	13	0	13	0	13
AT2	6607	6611	7	0	7	0	7	0	7	0	7	0	7
AT2	6609	6611	2	0	2	0	2	0	2	0	2	0	2
AT2	6611		23	0	23	0	23	0	23	0	23	0	23
AT2	6611	6607	6	0	6	0	6	0	6	0	6	0	6
AT2	6611	6609	10	0	10	0	10	0	10	0	10	0	10
AT2	6611	9526	4	0	4	0	4	0	4	0	4	0	4
AT2	6611	9527	1	0	1	0	1	0	1	0	1	0	1
AT2	6613	6611	1	0	1	0	1	0	1	0	1	0	1
AT3	6607	6611	7	0	7	0	7	1	8	1	9	1	10
AT3	6609	6611	4	0	4	0	4	0	4	0	4	0	4
AT3	6611		31	0	31	0	31	0	31	0	31	0	31
AT3	6611	6607	2	0	2	0	2	0	2	0	2	0	2
AT3	6611	6613	6	0	6	0	6	0	6	0	6	0	6
AT3	6611	9526	1	0	1	0	1	0	1	0	1	0	1
AT3	6611	9527	1	0	1	0	1	0	1	0	1	0	1
ATAN	6611		15	0	15	0	15	0	15	0	15	0	15

Staff Billets ACDU and FTS

AT1	6611	9502	4	0	4	0	4	0	4	0	4	0	4
AT2	6611	9502	1	0	1	0	1	0	1	0	1	0	1

Chargeable Student Billets ACDU and FTS

5	0	5	0	5	0	5	0	5	0	5	0	5
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SELRES Billets

AT1	6611		3	0	3	0	3	0	3	0	3	0	3
AT2	6611		1	0	1	0	1	0	1	0	1	0	1
AT2	6611	6609	1	0	1	0	1	0	1	0	1	0	1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY04		FY05		FY06		FY07		FY08	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
AT3	6611	6607	2	0	2	0	2	0	2	0	2	0	2
AT3	6611	6613	1	0	1	0	1	0	1	0	1	0	1
ATAN	0661	6607	1	0	1	0	1	0	1	0	1	0	1
ATAN	6611		1	0	1	0	1	0	1	0	1	0	1

TOTAL USN ENLISTED BILLETS:

Operational			43	0	43	0	43	1	44	0	44	0	44
Fleet Support			135	0	135	-1	134	1	135	1	136	1	137
Staff			5	0	5	0	5	0	5	0	5	0	5
Chargeable Student			5	0	5	0	5	0	5	0	5	0	5
SELRES			10	0	10	0	10	0	10	0	10	0	10

c. OFFICER – USMC Not Applicable

d. ENLISTED - USMC

Operational Billets USMC and AR

SGT	6412		17	0	17	0	17	0	17	0	17	0	17
SGT	6422	6412	7	2	9	2	11	2	13	2	15	2	17
CPL	6412		9	0	9	0	9	0	9	0	9	0	9
CPL	6412	6422	6	0	6	0	6	0	6	0	6	0	6
CPL	6422	6412	29	0	29	0	29	0	29	0	29	0	29
LCPL	6412		36	0	36	0	36	0	36	0	36	0	36
LCPL	6422	6412	42	0	42	0	42	0	42	0	42	0	42

Fleet Support Billets USMC and AR

SGT	6412		2	0	2	0	2	0	2	0	2	0	2
SGT	6422	6412	1	0	1	0	1	0	1	0	1	0	1
CPL	6412	6422	2	0	2	0	2	0	2	0	2	0	2
LCPL	6412		5	0	5	0	5	0	5	0	5	0	5

Staff Billets USMC and AR

SGT	6412		2	0	2	0	2	0	2	0	2	0	2
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II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY04		FY05		FY06		FY07		FY08	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM

Chargeable Student Billets USMC and AR

			8	1	9	0	9	0	9	0	9	0	9
--	--	--	---	---	---	---	---	---	---	---	---	---	---

SMCR Billets

SGT	6412		2	0	2	0	2	0	2	0	2	0	2
CPL	6412		4	0	4	0	4	0	4	0	4	0	4
CPL	6422	6412	2	0	2	0	2	0	2	0	2	0	2
LCPL	6412		8	0	8	0	8	0	8	0	8	0	8
LCPL	6422	6412	2	0	2	0	2	0	2	0	2	0	2

TOTAL USMC ENLISTED BILLETS:

Operational			146	2	148	2	150	2	152	2	154	2	156
Fleet Support			10	0	10	0	10	0	10	0	10	0	10
Staff			2	0	2	0	2	0	2	0	2	0	2
Chargeable Student			8	1	9	0	9	0	9	0	9	0	9
SMCR			18	0	18	0	18	0	18	0	18	0	18

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-102-6152, UHF communications Equipment Intermediate Maintenance
COURSE LENGTH: 4.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/FTS SELRES	CFY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CNATTU Oceana												
	USN	ACDU		28		28		29		29		30
		FTS		2		2		2		2		2
		SELRES		0		0		1		0		0
		TOTAL:		30		30		32		31		32

CIN, COURSE TITLE: E-102-6152, UHF Communications Equipment Intermediate Maintenance
COURSE LENGTH: 4.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/FTS SELRES	CFY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CNATTU Lemoore												
	USN	ACDU		21		21		22		21		21
		FTS		1		1		1		1		1
		SELRES		1		0		1		0		1
		TOTAL:		23		22		24		22		23

CIN, COURSE TITLE: M-102-6412, Aircraft Communications Equipment Intermediate Maintenance
COURSE LENGTH: 10.4 Weeks **MARINE CORPS TOUR LENGTH:** 48 Months
ATTRITION Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.21

TRAINING ACTIVITY	SOURCE	ACDU/FTS SELRES	CFY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CNATT MARUNIT Cherry Point												
	USMC	USMC		41		42		42		43		43
		AR		0		1		0		1		0
		SMCR		2		2		2		2		2
		TOTAL:		43		45		44		46		45

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AN/ARC-182(V) 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: CNATTU
LOCATION, UIC: NAS Oceana, 66045

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

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	30		30		31		31		32	ATIR
	27		27		28		28		29	Output
	2.4		2.4		2.5		2.5		2.5	AOB
	2.4		2.4		2.5		2.5		2.5	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		1		0		0	ATIR
	0		0		1		0		0	Output
	0.0		0.0		0.1		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: E-102-6152, UHF Communications Equipment Intermediate Maintenance
TRAINING ACTIVITY: CNATTU
LOCATION, UIC: NAS Lemoore, 66060

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

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	22		22		23		22		22	ATIR
	20		20		21		20		20	Output
	1.7		1.7		1.8		1.7		1.7	AOB
	1.7		1.7		1.8		1.7		1.7	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY04		FY05		FY06		FY07		FY08		
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: CNATT MARUNIT
LOCATION, UIC: MCAS Cherry Point, 02002

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

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	41		43		42		44		43	ATIR
	41		43		42		44		43	Output
	8.1		8.5		8.3		8.7		8.5	AOB
	8.1		8.5		8.3		8.7		8.5	Chargeable

SOURCE: USMC **STUDENT CATEGORY:** SMCR

CFY04		FY05		FY06		FY07		FY08		
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) and, therefore, are not included in Part IV of this NTSP:

IV.A. Training Hardware

IV.A.2. Training Devices

IV.C. Facility Requirements

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

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

IV.C.3. Facility Project Summary by Program

IV.A. TRAINING HARDWARE

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

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

TRAINING ACTIVITY: CNATTU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-1250A/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
002	RT-1324A/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
003	C-10319A/ARC Radio Set Control	2	Jan 00	GFE	Onboard
004	ID-2121A/ARC Remote Indicator	2	Jan 00	GFE	Onboard
005	MT-6330/ARC Mount Base	1	Jan 00	GFE	Onboard
006	RT-1498/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
007	C-11984/ARC Radio Set Control	1	Jan 00	GFE	Onboard
008	Processor Receiver (622-5663-002)	1	Jan 00	GFE	Onboard
GPETE					
020	Attenuator	2	Jan 00	GFE	Onboard
021	Digital Multimeter	2	Jan 00	GFE	Onboard
022	Distortion Analyzer	2	Jan 00	GFE	Onboard
023	Electrical Counter	2	Jan 00	GFE	Onboard
024	Power Meter	2	Jan 00	GFE	Onboard
025	Signal Generator	2	Jan 00	GFE	Onboard
026	Modulation Meter	2	Jan 00	GFE	Onboard
027	Directional Coupler	2	Jan 00	GFE	Onboard
028	Oscilloscope	2	Jan 00	GFE	Onboard
029	Function Generator	1	Jan 00	GFE	Onboard

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

SPETE

040	Radio Test Set 652-2435-002	2	Jan 00	GFE	Onboard
041	Radio Test Set 622-7009-001	2	Jan 00	GFE	Onboard
042	Test Set Adapter 622-7747-002	1	Jan 00	GFE	Onboard
043	Test Set Adapter 622-7748-002	1	Jan 00	GFE	Onboard
044	Test Set Adapter 622-7749-003	1	Jan 00	GFE	Onboard
045	Test Set Adapter 622-7753-002	1	Jan 00	GFE	Onboard
046	Test Set Adapter 622-9655-001	1	Jan 00	GFE	Onboard

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

TRAINING ACTIVITY: CNATTU

LOCATION, UIC: NAS Lemoore, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-1250A/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
002	RT-1324A/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
003	C-10319A/ARC Radio Set Control	2	Jan 00	GFE	Onboard
004	ID-2121A/ARC Remote Indicator	2	Jan 00	GFE	Onboard
005	MT-6330/ARC Mount Base	1	Jan 00	GFE	Onboard
006	RT-1498/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
007	C-11984/ARC Radio Set Control	1	Jan 00	GFE	Onboard
008	Processor Receiver (622-5663-002)	1	Jan 00	GFE	Onboard
GPETE					
020	Attenuator	2	Jan 00	GFE	Onboard
021	Digital Multimeter	2	Jan 00	GFE	Onboard
022	Distortion Analyzer	2	Jan 00	GFE	Onboard
023	Electrical Counter	2	Jan 00	GFE	Onboard

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

024	Power Meter	2	Jan 00	GFE	Onboard
025	Signal Generator	2	Jan 00	GFE	Onboard
026	Modulation Meter	2	Jan 00	GFE	Onboard
027	Directional Coupler	2	Jan 00	GFE	Onboard
028	Oscilloscope	2	Jan 00	GFE	Onboard
029	Function Generator	1	Jan 00	GFE	Onboard

SPETE

040	Radio Test Set 652-2435-002	2	Jan 00	GFE	Onboard
041	Radio Test Set 622-7009-001	2	Jan 00	GFE	Onboard
042	Test Set Adapter 622-7747-002	1	Jan 00	GFE	Onboard
043	Test Set Adapter 622-7748-002	1	Jan 00	GFE	Onboard
044	Test Set Adapter 622-7749-003	1	Jan 00	GFE	Onboard
045	Test Set Adapter 622-7753-002	1	Jan 00	GFE	Onboard
046	Test Set Adapter 622-9655-001	1	Jan 00	GFE	Onboard

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

TRAINING ACTIVITY: CNATT MARUNIT

LOCATION, UIC: MCAS Cherry Point, 02002

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-1250A/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
002	RT-1324A/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
003	C-10319A/ARC Radio Set Control	2	Jan 00	GFE	Onboard
004	ID-2121A/ARC Remote Indicator	2	Jan 00	GFE	Onboard
005	MT-6330/ARC Mount Base	1	Jan 00	GFE	Onboard
006	RT-1498/ARC Receiver Transmitter	2	Jan 00	GFE	Onboard
007	C-11984/ARC Radio Set Control	1	Jan 00	GFE	Onboard

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

008	Processor Receiver (622-5663-002)	1	Jan 00	GFE	Onboard
GPETE					
020	Attenuator	2	Jan 00	GFE	Onboard
021	Digital Multimeter	2	Jan 00	GFE	Onboard
022	Distortion Analyzer	2	Jan 00	GFE	Onboard
023	Electrical Counter	2	Jan 00	GFE	Onboard
024	Power Meter	2	Jan 00	GFE	Onboard
025	Signal Generator	2	Jan 00	GFE	Onboard
026	Modulation Meter	2	Jan 00	GFE	Onboard
027	Directional Coupler	2	Jan 00	GFE	Onboard
028	Oscilloscope	2	Jan 00	GFE	Onboard
029	Function Generator	1	Jan 00	GFE	Onboard
SPETE					
040	Radio Test Set 652-2435-002	2	Jan 00	GFE	Onboard
041	Radio Test Set 622-7009-001	2	Jan 00	GFE	Onboard
043	Test Set Adapter 622-7748-002	1	Jan 00	GFE	Onboard
044	Test Set Adapter 622-7749-003	1	Jan 00	GFE	Onboard
045	Test Set Adapter 622-7753-002	1	Jan 00	GFE	Onboard
046	Test Set Adapter 622-9655-001	1	Jan 00	GFE	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

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

TRAINING ACTIVITY: CNATTU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CAI Software (AN/ARM 200A Test Set Familiarization)	1	Jan 00	Onboard
CAI Software (AN/ARM-200A Test Set Adapters Familiarization)	1	Jan 00	Onboard
CAI Software (AN/ARM-200A Test Set Functional Description)	1	Jan 00	Onboard
CAI Software (Channel Indicator and Mounting Base Functional Description)	1	Jan 00	Onboard
CAI Software (Communications Equipment Familiarization)	1	Jan 00	Onboard
CAI Software (Communications Equipment Publications)	1	Jan 00	Onboard
CAI Software (Radio Receiver-Transmitters Functional Description)	1	Jan 00	Onboard
CAI Software (Radio Set Controls Functional Description)	1	Jan 00	Onboard
CAI Software (TS-4110/ARC Test Set Familiarization)	1	Jan 00	Onboard
CBT Electronic Classroom	1	Jan 00	Onboard
Instructor Guide	2	Jan 00	Onboard
Overhead Projector	1	Jan 00	Onboard
Trainee Guide	7	Jan 00	Onboard

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

TRAINING ACTIVITY: CNATTU

LOCATION, UIC: NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CAI Software (AN/ARM 200A Test Set Familiarization)	1	Jan 00	Onboard
CAI Software (AN/ARM-200A Test Set Adapters Familiarization)	1	Jan 00	Onboard
CAI Software (AN/ARM-200A Test Set Functional Description)	1	Jan 00	Onboard
CAI Software (Channel Indicator and Mounting Base Functional Description)	1	Jan 00	Onboard
CAI Software (Communications Equipment Familiarization)	1	Jan 00	Onboard
CAI Software (Communications Equipment Publications)	1	Jan 00	Onboard
CAI Software (Radio Receiver-Transmitters Functional Description)	1	Jan 00	Onboard
CAI Software (Radio Set Controls Functional Description)	1	Jan 00	Onboard
CAI Software (TS-4110/ARC Test Set Familiarization)	1	Jan 00	Onboard
CBT Electronic Classroom	1	Jan 00	Onboard
Instructor Guide	2	Jan 00	Onboard
Overhead Projector	1	Jan 00	Onboard
Trainee Guide	7	Jan 00	Onboard

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

TRAINING ACTIVITY: CNATT MARUNIT

LOCATION, UIC: MCAS Cherry Point, 02002

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CAI Software (AN/ARM 200A Test Set Familiarization)	1	Jan 00	Onboard
CAI Software (AN/ARM-200A Test Set Adapters Familiarization)	1	Jan 00	Onboard
CAI Software (AN/ARM-200A Test Set Functional Description)	1	Jan 00	Onboard
CAI Software (Channel Indicator and Mounting Base Functional Description)	1	Jan 00	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CAI Software (Communications Equipment Familiarization)	1	Jan 00	Onboard
CAI Software (Communications Equipment Publications)	1	Jan 00	Onboard
CAI Software (Radio Receiver-Transmitters Functional Description)	1	Jan 00	Onboard
CAI Software (Radio Set Controls Functional Description)	1	Jan 00	Onboard
CAI Software (TS-4110/ARC Test Set Familiarization)	1	Jan 00	Onboard
CBT Electronic Classroom	1	Jan 00	Onboard
Instructor Guide	2	Jan 00	Onboard
Overhead Projector	1	Jan 00	Onboard
Trainee Guide	7	Jan 00	Onboard

IV.B.3. TECHNICAL MANUALS

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

TRAINING ACTIVITY: CNATTU

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AE-150AC-570-00 RT-1379/ASW and RT-1379A/ASW Receiver Transmitter Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
AT-840AA-MIB-000 TS-4110/ARC Radio Test Set Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Hard copy	7	Jan 00	Onboard
NA 16-30ARM200-1 AN/ARM-200A Radio Test Set Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-30ARM200-2 AN/ARM200A Radio Test Set Adapters Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35C10319-1 C-10319/ARC, C-10319A/ARC, C-10776/ARC, and C-12109/ARC Radio Set Controls Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35C11128-1 C-11128/ARC and C11984/ARC Radio Set Controls Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35ID2121-1 ID-2121A/ARC, ID-2229A/ARC, and ID-2303/ARC Remote Indicator Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35MT6330-1 MT-6330/ARC and MT-6330A/ARC Mounting Base Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35RT1250-1 RT-1250/ARC Series Radio Receiver Transmitter Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 1635RT1324-1 RT-1324A/ARC, RT-1327A/ARC, RT-1407/ARC, and RT-1629/ARC Radio Receiver Transmitter Intermediate	Hard copy	7	Jan 00	Onboard

IV.B.3. TECHNICAL MANUALS

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

TRAINING ACTIVITY: CNATTU

LOCATION, UIC: NAS Lemoore, 66060

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AE-150AC-570-00 RT-1379/ASW and RT-1379A/ASW Receiver Transmitter Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
AT-840AA-MIB-000 TS-4110/ARC Radio Test Set Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Hard copy	7	Jan 00	Onboard
NA 16-30ARM200-1 AN/ARM-200A Radio Test Set Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-30ARM200-2 AN/ARM200A Radio Test Set Adapters Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35C10319-1 C-10319/ARC, C-10319A/ARC, C-10776/ARC, and C-12109/ARC Radio Set Controls Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35C11128-1 C-11128/ARC and C11984/ARC Radio Set Controls Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35ID2121-1 ID-2121A/ARC, ID-2229A/ARC, and ID-2303/ARC Remote Indicator Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35MT6330-1 MT-6330/ARC and MT-6330A/ARC Mounting Base Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35RT1250-1 RT-1250/ARC Series Radio Receiver Transmitter Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 1635RT1324-1 RT-1324A/ARC, RT-1327A/ARC, RT-1407/ARC, and RT-1629/ARC Radio Receiver Transmitter Intermediate	Hard copy	7	Jan 00	Onboard

IV.B.3. TECHNICAL MANUALS

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

TRAINING ACTIVITY: CNATT MARUNIT

LOCATION, UIC: MCAS Cherry Point, 02002

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AE-150AC-570-00 RT-1379/ASW and RT-1379A/ASW Receiver Transmitter Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
AT-840AA-MIB-000 TS-4110/ARC Radio Test Set Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Hard copy	7	Jan 00	Onboard
NA 16-30ARM200-1 AN/ARM-200A Radio Test Set Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-30ARM200-2 AN/ARM200A Radio Test Set Adapters Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35C10319-1 C-10319/ARC, C-10319A/ARC, C-10776/ARC, and C-12109/ARC Radio Set Controls Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35C11128-1 C-11128/ARC and C11984/ARC Radio Set Controls Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35ID2121-1 ID-2121A/ARC, ID-2229A/ARC, and ID-2303/ARC Remote Indicator Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35MT6330-1 MT-6330/ARC and MT-6330A/ARC Mounting Base Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 16-35RT1250-1 RT-1250/ARC Series Radio Receiver Transmitter Intermediate Maintenance	Hard copy	7	Jan 00	Onboard
NA 1635RT1324-1 RT-1324A/ARC, RT-1327A/ARC, RT-1407/ARC, and RT-1629/ARC Radio Receiver Transmitter Intermediate	Hard copy	7	Jan 00	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Promulgated ILS Master Plan	Dec 80	Complete
PDA	Conducted Analysis of MPT Requirements	Jun 81	Complete
PDA	Promulgated Draft NTP for Review	Aug 81	Complete
OPO	Chaired NTPC	Nov 81	Complete
OPO	Approved and Promulgate NTP	Jan 83	Complete
OPTEVFOR	Conducted OPEVAL	Apr 84	Complete
TSA	Delivered Curricula Materials	Aug 84	Complete
TSA	Delivered TTE	Aug 84	Complete
TSA	Installed TTE	Aug 84	Complete
TSA	Begin Training Advisory Services	Sep 84	Complete
TSA	Begin Follow-on Training	Feb 86	Complete
PDA	Achieved Material Support Date	Mar 88	Complete
TSA	Revised Training Course C-102-4017A to include ARM-200A and HAVE QUICK	Apr 94	Complete
OPO	Approved and Promulgated NTP	Mar 00	Complete
PDA	Developed Draft NTSP	Apr 04	Complete
PDA	Complete S-3B Reuse Program Installations	FY05	Pending
PDA	Complete T-45 Reuse Program Installations	FY07	Pending

PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
None pending			

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