

DRAFT

NAVY TRAINING SYSTEM PLAN

FOR THE

AIRCRAFT RESCUE AND FIREFIGHTING

TRAINING PROGRAM

N88-NTSP-A-50-8704C/D

APRIL 2000

AIRCRAFT RESCUE AND FIREFIGHTING TRAINING PROGRAM

EXECUTIVE SUMMARY

The Aircraft Rescue and Firefighting (ARFF) Training Program is a result of a Carrier Flag Level Steering Committee on Aircraft Fire Fighting Improvements which, in 1983, tasked the Naval Air Systems Command (NAVAIRSYSCOM) to research and report on methods to improve training, hazards awareness, and on-scene leadership. While the results of the study determined that courses such as C-822-2010, Aviation Boatswain Mate, Aircraft Handling (ABH) Class A1 School, J-495-0413, Shipboard Aircraft Firefighting, and underway training drills were sufficient to produce a fairly disciplined "supportive aircraft firefighter," this training program did not provide for effective team training. The study also identified a need to provide advanced training for supervisory personnel in leadership principles, equipment usage, tactics, and procedures for ARFF and salvage. The ARFF Program is in Phase III of the Acquisition Process.

Shipboard Aircraft Firefighting Team Training was established and is required once every 24 months, or when there is a 40% personnel turn over for all carrier crash crews. A course of instruction and Navy Enlisted Classification (NEC) code 7011 for the Aircraft Firefighting and Salvage Specialist were established to support the advanced training requirements for supervisory personnel. This NEC and course have been revised to support shipboard training only. A new NEC code 7012, Fire Protection Apprentice (Shore Based), was established in FY99 with a course taught at Goodfellow Air Force Base.

The latest version of the Department of Defense Instruction (DoDINST) 6055.6, promulgated in December 1994, defines the DoD Fire and Emergency Service Program. This instruction impacts Navy shore-based training and certification requirements. The Navy's implementation procedures of those requirements are contained in this Navy Training System Plan. To meet the DoD requirements for certification, the United States Marine Corps (USMC) uses the DoD Firefighting Academy at Goodfellow Air Force Base, San Angelo, Texas, to train all USMC personnel in course X3ABR3E731-008, Fire Protection Apprentice Course, which was Ready For Training (RFT) in October 1998. All shore-based billets are E-4 or higher and this school requires three years of obligated service.

As a result of the Base Realignment and Closure Act of 1993, all Aircraft Firefighting Training for ABH personnel (as a class), Shipboard Aircraft Firefighting Team Training, and Aircraft Firefighting and Salvage Specialist Training moved to Pensacola, Florida, in October 1996, and was RFT in their new facilities in January 1997.

The USMC ceased training for Military Occupational Specialty (MOS) 7051 at the Naval Air Technical Training Center (NATTC), Millington, Tennessee, in September 1995. They began training at the DoD Firefighting Academy at Goodfellow Air Force Base in October 1995 using the DoD approved Fire Protection Apprentice training curriculum.

AIRCRAFT RESCUE AND FIREFIGHTING TRAINING PROGRAM

Drills are an important aspect of firefighting training. The Naval Air Training and Operating Procedures Standardization requires each firefighter to fight two fires per month to maintain proficiency. However, environmental concerns have closed almost all Navy and Marine Corps Air Station “fire pits,” causing this training requirement to be waived for several years. These actions have adversely impacted readiness. In recent years, propane-fired mobile training devices have been developed by industry. Program Manager, Air (PMA)205 has purchased one of these devices, the Mobile Aircraft Firefighting Training Device (MAFTD), to meet an immediate shore based training requirement. This first MAFTD is home based at Naval Station Norfolk, Virginia. During the first couple of years of operation, PMA205, Naval Air Warfare Center, Aircraft Division, Patuxent River, Maryland and fleet activities will be developing the Training Device Requirements Document (TDRD), evaluating the device procured for Norfolk, and developing the performance specification and logistics package for an acquisition program for FY00. This acquisition will satisfy all Navy readiness training requirements.

PMA205 and PMA251 have developed and implemented Computer-Based Training (CBT) that supports ARFF training aboard aircraft carriers. This CBT provides aircraft carriers with an excellent source of refresher training for ABH personnel returning to sea duty and an onboard training program for all personnel working the flight deck. This CBT also supports the ARFF schools as an additional resource supporting their curriculum aboard amphibious type ships. Further CBT development is planned as a follow-on when funding becomes available.

AIRCRAFT RESCUE AND FIREFIGHTING TRAINING PROGRAM

TABLE OF CONTENTS

	Page
Executive Summary.....	i
List of Acronyms.....	v
Preface.....	viii
 PART I - TECHNICAL PROGRAM DATA	
A. Nomenclature-Title-Program	I-1
B. Security Classification	I-1
C. Manpower, Personnel, and Training Principals.....	I-1
D. System Description.....	I-1
E. Developmental Test and Operational Test.....	I-2
F. Aircraft and/or Equipment/System/Subsystem Replaced	I-2
G. Description of New Development	I-2
H. Concepts	I-7
I. Onboard (In-Service) Training.....	I-14
J. Logistics Support	I-17
K. Schedules	I-18
L. Government Furnished Equipment and Contractor Furnished Equipment Training Requirements	I-20
M. Related NTSPs and Other Applicable Documents	I-20
 TABLES	
I-1, Navy Shipboard Requirements for NEC 7011.....	I-21
I-2, Navy Shore / Staff / Instructor Requirements for NEC 7011.....	I-23
I-3, Ship Watch Station Requirements for NEC 7011.....	I-24
I-4, Projected Requirements for NEC 7012.....	I-25
 PART II - BILLET AND PERSONNEL REQUIREMENTS	 II-1
 PART III - TRAINING REQUIREMENTS.....	 III-1
 PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS.....	 IV-1
 PART V - MPT MILESTONES.....	 V-1

AIRCRAFT RESCUE AND FIREFIGHTING TRAINING PROGRAM

PART VI - DECISION ITEMS/ACTION REQUIRED VI-1
PART VII - POINTS OF CONTACT VII-1

AIRCRAFT RESCUE AND FIREFIGHTING TRAINING PROGRAM

LIST OF ACRONYMS

ABH	Aviation Boatswain's Mate, Aircraft Handling
ACDU	Active Duty
AFB	Air Force Base
AFFF	Aqueous Film Forming Foam
ARFF	Aircraft Rescue and Firefighting
CBT	Computer-Based Training
CIN	Course Identification Number
CINCLANFLT	Commander In Chief, Atlantic Fleet
CINCPACFLT	Commander In Chief, Pacific Fleet
CMI	Computer Managed Instruction
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
CV	Aircraft Carrier
CVN	Aircraft Carrier Nuclear
DoD	Department of Defense
DoDINST	Department of Defense Instruction
EPA	Environmental Protection Agency
FTC	Fleet Training Center
FY	Fiscal Year
HAZMAT	Hazardous Material
H&HS	Headquarters and Headquarters Squadron
ICW	Interactive Courseware
LHA	Amphibious Assault Ship (General Purpose)
LHD	Amphibious Assault Ship (Multi-purpose)
LPD	Amphibious Transport Dock
MAFTD	Mobile Aircraft Firefighting Training Device
MAW	Marine Air Wing
MB	Megabyte
MCAS	Marine Corps Air Station
MCS	Mine Countermeasures Support Ship

AIRCRAFT RESCUE AND FIREFIGHTING TRAINING PROGRAM

LIST OF ACRONYMS

MILCON	Military Construction
MOS	Military Occupational Specialty
MWSS	Marine Wing Support Squadron
NA	Not Applicable
NAS	Naval Air Station
NATOPS	Naval Air Training and Operating Procedures Standardization
NATTC	Naval Air Technical Training Center
NAVAIR or NAVAIRSYSCOM	Naval Air Systems Command
NAVEDTRA	Naval Education and Training
NAVFAC	Naval Facility
NAVPERSCOM	Naval Personnel Command
NAVSTA	Naval Station
NAWCAD	Naval Air Warfare Center Aircraft Division
NEC	Navy Enlisted Classification
NOBC	Navy Officer Billet Code
NSF	Naval Support Facility
NTC	Navy Training Center
NTSP	Navy Training System Plan
NTTC	Navy Technical Training Center
OJT	On-the-Job Training
OPO	OPNAV Principal Official
OPNAVINST	Chief of Naval Operations Instruction
PDA	Principal Development Activity
PMA	Program Manager, Air
RAM	Random Access Memory
RFT	Ready For Training
SELRES	Selected Reserve
SMCR	Selected Marine Corps Reserve
SMD	Ship Manpower Document
TA	Training Agent
TAR	Training and Administration of the Naval Reserve

AIRCRAFT RESCUE AND FIREFIGHTING TRAINING PROGRAM

LIST OF ACRONYMS

TBD	To Be Determined
TD	Training Device
TDRD	Training Device Requirements Document
TSA	Training Support Activity
TTE	Technical Training Equipment
TYCOM	Type Commander
USAF	United States Air Force
USMC	United States Marine Corps
USS	United States Ship
USN	United States Navy

AIRCRAFT RESCUE AND FIREFIGHTING TRAINING PROGRAM

PREFACE

This Draft Navy Training System Plan (NTSP) has been prepared to update the Approved Aircraft Rescue and Firefighting (ARFF) Training Program NTSP, A-50-8704B/A, dated February 1998. This update was accomplished through a thorough review of all life-cycle manpower, personnel, and training requirements associated with ARFF. Changes to this document are directly associated with the following:

- The establishment of a new Navy Enlisted Classification (NEC) 7012 for shore-based firefighters in the Aviation Boatswain's Mate, Aircraft Handling (ABH) rating
- The modification of NEC 7011 to a shipboard only NEC
- The fielding of a propane-fueled Mobile Aircraft Firefighting Training Device (MAFTD) located at Naval Station (NAVSTA) Norfolk, Virginia.
- The implementation of the interactive Computer-Based Training (CBT) program for Carrier Indoctrination and Firefighting

Additionally the Training Concept, Training Device delivery schedule, location of personnel with firefighting NECs, and the Points of Contact have been updated.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. Nomenclature-Title-Acronym. Aircraft Rescue and Firefighting (ARFF) Training Program

2. Program Element. 64820N

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 (N885)
- OPO Resource Sponsor CNO (N885, N889)
- Developing Agency..... NAVAIRSYSCOM (PMA251)
- Training Agency CINCLANTFLT
CINCPACFLT
CNET
- Training Support Agency..... NAVAIRSYSCOM (PMA205)
- Manpower and Personnel Mission Sponsor CNO (N12)
NAVPERSCOM (PERS-40, 404)
- Director of Naval Training CNO (N7)
- Marine Corps Force Structure.....MCCDC (C53)

D. SYSTEM DESCRIPTION

1. Operational Uses. The United States Navy (USN) and the United States Marine Corps (USMC) must ensure each ship and shore activity supporting aircraft operations have

highly trained and qualified ARFF and salvage personnel assigned. The ARFF Training Program is designed to ensure each individual training requirement set forth by Naval Air Training and Operating Procedures Standardization (NATOPS) Manuals and Department of Defense Instruction (DoDINST) 6055.6 has been established, and specific billets have been identified to receive the necessary training to support those requirements.

DoDINST 6055.6 defines the Fire and Emergency Service Program for the Department of Defense (DoD). This instruction requires all DoD military, civilian, and contract firefighting personnel participate in the DoD certification program outlined in the instruction and DoD Fire and Emergency Services Certification Program manual, DoD 6055.6-M.

All USMC formal aircraft firefighting and rescue training is provided at the DoD Firefighting Academy at Goodfellow Air Force Base (AFB) San Angelo, Texas. USMC operational, training, and qualification requirements are specifically supported by the DoD school. Follow-on training has been established under Marine Corps Order 3500.19, Chapter 7 of Volume 6, and supports Military Occupational Specialties (MOSs) 7051 and 7002. The Marine Corps Combat Development Center at Quantico, Virginia, has assumed responsibility for all USMC firefighting and rescue training.

The ARFF training program described in this document provides the Navy with personnel trained with the basic knowledge required to be a supportive aircraft firefighter, a skilled member of an aircraft firefighting and rescue team, and as a leader and subject matter expert in aircraft firefighting, rescue, and salvage operations, both ashore and afloat. They are trained and qualified in using state-of-the-art firefighting tactics, technology, fire combatant systems, and equipment.

Additional operational requirements and directives have established training requirements and courses for aircraft firefighting. These courses are primarily for personnel assigned to or deployed on aviation and aviation capable ships. Descriptions of these courses are provided in this NTSP to show how they support the overall training program.

2. Foreign Military Sales. No Foreign Military Sales are planned at this time but there may be future opportunities. Contact Program Manager, Air (PMA) 251 for additional information.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. Not Applicable (NA)

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. NA

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. ARFF operations are firmly established by the NATOPS Publications NAVAIR 00-80R-14, titled U.S. Navy Aircraft Firefighting and Rescue Manual and NAVAIR 00-80R-14-1, titled U.S. Navy Aircraft Emergency Rescue Information Manual. Shore

activities also fall under the Naval Facility (NAVFAC) P-1021, Firefighting Facility Manual (Ashore), various National Fire Codes, and National Fire Protection Agency documents. Aircraft salvage operations are firmly established in NATOPS Publications NAVAIR 00-80R-19, titled U.S. Navy Aircraft Crash and Salvage Operations (Afloat), and NAVAIR 00-80R-20, titled U.S. Navy Aircraft Crash and Salvage Operations Manual (Ashore). DoDINST 6055.6 provides overall policy guidance for all DoD fire emergency response.

The ARFF training program provides training in all phases of aircraft firefighting, aircrew rescue, Hazardous Materials (HAZMATs) response, aircraft salvage, and emergency first aid. HAZMAT includes ordnance, aviation fuels, special oxidizing fuels, oils, fluids, oxygen, and batteries. HAZMATs are a key element in personnel and environmental safety. In addition to providing individual training, the ARFF training program provides team training in a realistic simulated flight deck environment for shipboard crash, fire, and rescue teams for carriers, amphibious ships, and aviation capable ships, such as frigates and destroyers, as required.

Navy ABH personnel and Limited Duty Officers with Navy Officer Billet Codes (NOBC) 6310 and Chief Warrant Officers with NOBC 7310 direct all phases of aircraft firefighting, rescue, and salvage operations in the event of an aircraft crash afloat, and at activities ashore where assigned. They are also responsible for providing training and supervised drills supporting all phases of aircraft firefighting, rescue, and salvage operations to personnel assigned to assist in these operations.

Upon completion of Aviation Boatswain's Mate Aircraft Handling (ABH) Class A1, Course Identification Number (CIN) C-822-2010, or Shipboard Aircraft Firefighting course, 495-0413, the individual will be a fairly disciplined supportive aircraft firefighter. The latter school is not limited to ABH personnel and may be attended by any Navy rating, as required, when assigned to aviation ships. J-

Air Capable Ship Helicopter Fire Fighting Team Training course, J-495-0414, provides aircraft firefighting team training for aviation capable ships such as frigates and destroyers.

Those completing the Aircraft Firefighting Shipboard Team Training course, C-780-2012, will be part of a skilled, disciplined, highly effective shipboard firefighting and rescue team. This training is required once every 18 to 24 months for aircraft carrier and amphibious type ship aviation shipboard firefighting teams.

ABH personnel who complete Aviation Boatswain's Mate Aircraft Handling Advanced Class C1, C-780-2013, will be awarded NEC 7011, and will be skilled in the leadership required for shipboard aircraft firefighting, rescue, and salvage operations. They will be assigned to key positions onboard aircraft carriers and amphibious type aviation ships. This is advanced training and is provided to personnel in paygrades E-5 through E-9.

ABH personnel who complete the DoD course of instruction X3ABR3E731-006, Fire Protection Apprentice-Shore Based, will be awarded NEC 7012. These personnel will be certified as a Firefighter I and II, HAZMAT response, and as an Airport Firefighter within the

guidelines of DoDINST 6055.6 and DoD 6055.6-M. This is advanced training and will be provided to personnel in paygrades E-4 through E-9 assigned to shore activity firefighting billets.

USMC personnel will be designated as Aircraft Firefighting and Rescue Specialist with MOS 7051 upon completion of the DoD school, course number X3ABR3E731-008. Personnel are assigned to various Marine Wing Support Squadrons and Marine Corps Air Stations and Facilities to support shore operations only.

To ensure the proficiency of ARFF personnel, drills and readiness training are an important aspect of firefighting training. NATOPS requires each firefighter to fight two fires per month to maintain proficiency. Environmental concerns have closed almost all Navy and Marine Corps Air Station "fire pits." As a result, this training requirement has been waived for several years and readiness has been adversely impacted.

In recent years, propane-fired mobile training devices have been developed by industry. PMA205 has purchased one MAFTD to meet the immediate fleet training requirement. This MAFTD is managed by NAVSTA Norfolk to support them and all surrounding Naval activities. During the first couple of years of operation PMA205, Naval Air Warfare Center Aircraft Division (NAWCAD), Patuxent River, Maryland, and fleet activities will be developing the Training Device Requirements Document (TDRD), evaluating this device and developing the performance specification and logistics package for an acquisition program in Fiscal Year (FY) 00.

2. Physical Description. As a non-hardware program, there are no physical components other than training facilities, devices, and equipment. The only new equipment is the MAFTD that was delivered to NAVSTA Norfolk in October 1998.

3. New Development Introduction

a. United States Marine Corps. The USMC has established training at Goodfellow AFB using the DoD Firefighting Academy. Course X3ABR3E731-008, Fire Protection Apprentice Course provides USMC personnel with the training needed to meet requirements of MOS 7051. This course was Ready For Training (RFT) in October 1995. USMC Air Wing personnel that detach aboard amphibious class ships are required to attend course J-495-0413, Shipboard Aircraft Firefighting.

b. United States Navy. The USN ARFF and Salvage Training Program includes several separate training courses that provide training in different aspects of aircraft firefighting, rescue, and salvage.

Note: The following courses are required by other operational and training requirements. These are described to show the relationship to ARFF courses supported by this NTSP. These courses are on-line and do not require introduction.

(1) J-495-0413, Shipboard Aircraft Firefighting. This course provides all personnel, both USN and USMC, that deploy aboard aircraft carriers or amphibious type ships

with basic ARFF knowledge and skills. This training is conducted onboard as needed. The catastrophic nature of aircraft fires aboard aviation ships has led to a requirement for all aviation personnel and others associated with aircraft or assigned to the Air Department to attend this course prior to deployment. This course is managed through the Type Commanders (TYCOMs). The requirements for this course are met by the C-822-2010, Aviation Boatswain's Mate Aircraft Handling Class A, and graduates need not attend J-495-0413 to meet TYCOM requirements.

(2) J-495-0414, Air Capable Ship Helicopter Firefighting Team

Training. This course provides Navy personnel with firefighting team training for ships such as frigates and destroyers. Again, the catastrophic nature of aircraft fires aboard ships has led to a requirement for all personnel associated with aircraft operations or assigned to the Air Department to attend this course prior to deployment. This course is managed through the TYCOM. This training is on-line and conducted onboard as needed.

(3) C-822-2010, Aviation Boatswain's Mate Aircraft Handling Class

A. This course includes 47 hours of aircraft firefighting training. This course is on-line at Naval Air Technical Training Center (NATTC) Pensacola, Florida.

Note: The following courses are fully supported by this NTSP, and the status of each course is indicated.

(4) C-780-2013, Aviation Boatswain's Mate Aircraft Handling

Advanced Class C1. This course for NEC 7011 has undergone a major revision to eliminate all shore ARFF materials. Since revision, this course provides leadership skills training for shipboard ARFF and salvage operations. This modified course was RFT at NATTC Pensacola in October 1998.

(5) C-780-2012, Aircraft Firefighting Shipboard Team Training.

This course provides specialized, realistic team training for aircraft carrier and amphibious type aviation ships. This course is on-line at NATTC Pensacola.

(6) X3ABR3E731 006, Fire Protection Apprentice (Shore Based).

This course, taught at Goodfellow AFB, provides the Navy with DoD certified Firefighter I and II, HAZMAT operations, and Airport Firefighter personnel. Upon completion of this training, the individual is awarded NEC 7012. This course is on-line at Goodfellow AFB. Student quotas are currently available to the Navy.

(7) C-780-2020, Carrier Deck Indoctrination and Firefighting.

This course is CBT, using Interactive Courseware (ICW) developed to supplement existing schoolhouse firefighting curricula and for use on aircraft carriers as onboard training. This system provides training on command organization and responsibilities, extinguishing agents and equipment, HAZMAT and flammable materials, flight deck layout and personnel, firefighting systems and equipment operation, safety equipment and procedures, firefighting, rescue, and salvage techniques specific to Aircraft Carrier (CV) and CV Nuclear (CVN) ships. The system also provides student testing and tracking, using a Computer Managed Instruction (CMI)

program, allowing the system's administrator to assign students to courses, record each student's test scores, track completed lessons or modules, and print reports on student activity. The goals of this system are to provide ABH personnel with occupational and safety training both in the schoolhouse environment and aboard aircraft carriers, and provide all Air Department personnel with firefighting awareness and safety training. This training has been introduced into Airman Apprentice training at Navy Training Center (NTC) Great Lakes, Illinois, all AB class "A" and "C" Schools at NATTC Pensacola, and at each aircraft carrier in the fleet.

All components of this computer system are commercial off-the-shelf hardware consisting of an IBM Compatible Pentium® Central Processing Unit (CPU) with a minimum one Gigabyte (GB) hard drive storage, 16 Megabyte (MB) Random Access Memory (RAM), 3.5" floppy drive, keyboard, mouse, 8X (or better) Compact Disk Read Only Memory, video card with 2 MB video RAM, graphics card, and audio card. The authoring system used to develop the training is Microsoft Visual C++™.

(8) Follow-on Program. A follow-on program is planned when funding becomes available. The Amphibious Ship CBT will provide initial and refresher training with testing on flight deck personnel, markings, firefighting equipment, firefighting organization, HAZMAT, helicopter and Harrier flight operations, and salvage. Upon completion of the development and validation of this ICW software system, hardware acquisition and delivery will be accomplished.

c. Readiness Training (Drills). All USN and USMC firefighting activities are required by NATOPS to drill to maintain proficiency. A minimum of two live fire drills is required for each firefighter each month. Most of the training sites where this training was performed have been closed due to environmental constraints. There are several activities that have been able to build propane-fired training facilities. These have a large price tag, including Military Construction (MILCON) that has hindered other activities in acquiring these facilities. An affordable, environmental friendly solution became available and the Navy (PMA205) procured one for NAVSTA Norfolk. This MAFTD meets an immediate training shortfall for naval aviation activities in the Norfolk, Virginia, area. The intention is to take the training system directly to the activity requiring training, set up and be ready for use in a short period of time. This eliminated MILCON funding requirements for individual activity training facilities.

4. Significant Interfaces. This training has demonstrated a significant impact on the environment, especially in areas of ground water and air contamination. In this regard, Environmental Protection Agency (EPA) requirements at the local, state, and federal levels must be considered. The most effective way ground water contamination can be suppressed is by draining firefighting facilities into large tanks with separators for reutilization, or collecting and disposing into the local sewer system. Sewage systems have a maximum quantity, in Parts Per Million, of Aqueous Film Forming Foam (AFFF) that can be processed. This must be carefully monitored by training activities.

The Navy is working with the other services and the Federal Aviation Administration to find trainer alternatives, fuel alternatives, and smaller percentages of AFFF for existing and future trainers to lessen environmental impacts and continue to provide realistic training.

The use of propane for readiness training (drills) allows activities to fight training fires with water only. The effects on both water and air for this type Training Device (TD) are in keeping with EPA restrictions for the federal government and Virginia. Each state and local area where the Navy anticipates using the MAFTD will require state and local community EPA approval.

5. New Features, Configurations, or Material. During the transition of training devices from NATTC Millington, Tennessee, to Pensacola, they were fitted with enhanced smoke abatement equipment to reduce smoke and hydrocarbon emissions. These trainers are in compliance with current Florida (state and local) EPA guidelines.

Firefighting vehicles and other agent application devices used in training are the same as those found on aviation ships and at shore activities. Aircraft, engine, aircraft debris, ordnance, and running fuel fire mock-ups with remote controls are used for practice and testing of student skills. Wind generating units are used to simulate actual flight deck environmental conditions.

Salvage training will use the same aircraft and equipment found on ships and at shore facilities to train personnel in salvage fundamentals, equipment operation, as well as analysis skills for supervisors.

Each student is trained in the proper use and care of specialized personal firefighting, rescue, and salvage equipment. All training evolutions are accomplished wearing proper gear required for safe firefighting, rescue, and salvage operations.

The MAFTD provides an effective tool for fire chiefs and crash boatswains to use in drilling crash crews and other personnel, improving and maintaining firefighting readiness to an acceptable level as required by NATOPS.

H. CONCEPTS

1. Operational Concept. Crash, rescue, and salvage operational procedures are established in the respective NATOPS manuals. During all flight operations ARFF personnel are in an immediate response posture. Ashore, this means ARFF equipment is manned and ready for immediate response from a position on the airfield that provides access to all aircraft operational areas, including runways. This is commonly known as the “hard stand.” This posture is maintained whenever aircraft are operating at, or in the immediate airfield vicinity. ARFF equipment is strategically placed on the flight deck and manned during flight operations aboard carrier and amphibious ships. On aviation capable ships, fire hoses are manned around the flight deck during flight operations.

In the event of an aircraft crash, the primary mission of ARFF personnel is rescue. Secondary to this, they extinguish any fires and try to minimize fire damage to the aircraft, other aircraft, or equipment close by. Aboard ship, ARFF personnel must also consider damage control and prevention to the ship. Their last mission is to restore operational capability to the airfield or ship's flight deck, and salvage the aircraft. These functions are essential to the continued operational capability of any Naval aviation activity ashore or afloat.

2. Maintenance Concept. This is a non-hardware program and, therefore, has no specific maintenance requirements. All firefighting equipment assigned to training facilities is maintained per existing directives for the equipment under the Planned Maintenance System in both surface and aviation communities. These include Naval Sea Systems Command, Naval Air Systems Command (NAVAIRSYSCOM), and National Fire Protection Agency publications, regulations, and directives.

The maintenance of NATTC Pensacola firefighting TDs is accomplished through a Contractor Operation and Maintenance Support contract. The maintenance program for the MAFTD will be included when developed.

3. Manning Concept. The manpower requirements for aviation ships are contained in each CV, CVN, or amphibious type Ship Manpower Document (SMD). Shore facility manning is based on each command's specific requirements. Many shore activities have firefighting services provided by the Federal Fire Service (civil servants) under NAVFAC. These civil servant billets will not be identified in this NTSP. Those activities where Navy ABH personnel are assigned have been carefully screened. Manpower is based on the equipment assigned and the hours of operation applying the recognized staffing standard provided in Chief of Naval Operations Instruction (OPNAVINST) 1000.16G.

The billet structure for Navy units will designate specific ABH personnel as Aircraft Firefighting and Salvage Specialists, NEC 7011, afloat, and Shore Based Airport and Aircraft Firefighter, NEC 7012, ashore. There are naval officer billets related to this program on each type aviation ship and at several shore activities. The NOBCs 6310 (Flight Deck Officer) and 7310 (Crash and Salvage Officer) are related to this program.

As a result of program requirements, NEC 7011 description of duties was changed to read: "Performs duties as team leader during shipboard aircraft fire and salvage evolutions. Conducts aircraft fire and salvage training activities for the ship. Performs preoperational inspections and operates shipboard aircraft firefighting systems and salvage equipment."

Each aircraft carrier will have five or six ABHs assigned with NEC 7011. Each Amphibious Assault Ship (General Purpose) (LHA), Amphibious Assault Ship (Multi-Purpose) (LHD), and the USS Inchon, which has been redesignated as a Mine Countermeasures Support Ship (MCS), will have four ABHs assigned with NEC 7011. Amphibious Transport Docks (LPDs) will have one ABH assigned with NEC 7011. Current total 7011 NEC requirements are 132 shipboard billets, and 78 staff or instructor (shore) billets, which includes instructor billets for shipboard aircraft firefighting at the various Fleet Training Centers (FTCs) worldwide. Table I-1

lists NEC 7011 total requirements by ship. (All manning tables are located at the end of Part I.) Table I-2 lists the shore and staff activities requiring NEC 7011. In addition, one officer billet with NOBC 6310 or 7310 should receive this same level of aircraft firefighting training prior to assignment to an aircraft carrier, amphibious ship, or shore firefighting activity. Currently there is no specific formal training for these officers.

Shipboard Crash and Salvage Teams for CV and CVNs will consist of 24 persons, a minimum of five ABHs with NEC 7011 and up to 19 others. Shipboard Crash and Salvage Teams for MCS, LHA, and LHD ships will consist of 19 persons, a minimum of four ABHs with NEC 7011 and up to 15 others. LPD ships require four ABHs, one with NEC 7011. An LPD class ship does not have Crash and Salvage Teams assigned. In the event of an incident, the ABH personnel aboard would lead the firefighting, rescue, and salvage effort. Table I-3 lists key enlisted positions aboard aircraft carriers and amphibious warfare ships requiring NEC 7011.

NEC 7012 is established and the description of duties reads: “Performs duties as a firefighting, rescue, and salvage specialist aboard Naval Air Stations (NAS), Facilities, and outlying fields. Conducts or directs rescue, firefighting, and salvage operations. Performs preoperational inspections and operates shore-based aircraft firefighting systems and salvage equipment. Sets up and directs firefighting training including live fire drills.” This shore-based NEC has a total billet requirement of 210, including 78 instructors. There are many activities that will require changes in existing billet titles and NEC requirements. There were only a few activities without adequate numbers of ABH personnel assigned. ABH 7012 billet requirements are listed in Table I-4. This table includes the equipment manned, hours of operation for the air field or facility, and total personnel requirements. Currently there are no 7012 billets in the fleet despite the course having been RFT since October 1998. This information has been added to Part VI (Decision Items / Action Required) of this NTSP.

USMC manning for MOSs 7051 Fire Protection Apprentice and 7002 Expeditionary Airfield and Emergency Services Officer is currently established by approved Tables of Organization. MOS 7051 training is on-line, providing qualified replacement personnel for vacated positions due to normal attrition. Prior to assignment to MOS 7002, USMC officer personnel must have attained MOS 7051. After having attained MOS 7051, USMC officers may be designated MOS 7002 with no additional schooling.

4. Training Concept. Training for this program is multi-faceted. It is essential for the Navy and USMC to ensure all aviation personnel deployed on aviation and aviation capable ships have had some aircraft firefighting training. Personnel that are the leaders and supervisors must have additional training to perform their duties. Crash crews that will initially respond to an aircraft fire must have additional team training to ensure mission success. Ashore, there are additional, as well as different, knowledge and skill requirements that must be addressed through specific training. The following provides the Navy and USMC with necessary training to accomplish this critical mission.

a. Initial Training

(1) **USMC.** USMC instructors were provided initial training in FY95, during establishment of USMC training at the DoD Firefighting Academy, Goodfellow AFB.

(2) **USN.** All initial training for Navy courses C-822-2010, C-780-2012, and C-780-2013 was completed prior to FY92. The following initial training was provided in FY99:

Title **Fire Protection Apprentice (Shore-Based Airport Firefighter)**
Description This course provided Navy instructor personnel with firefighting initial training for shore based activities.
Location Goodfellow AFB
Length 93 days
RFT date Completed in FY99
TTE/TD NA
Prerequisites ABH2 or above (waiverable to ABH3); physically qualified

Title **Aviation Boatswain's Mate Aircraft Handling Advanced Class C1**
CIN C-780-2013 (revised course)
Description This course provided the training and technology required to direct aircraft rescue and firefighting parties and salvage operations aboard aircraft carriers or amphibious aviation ships.
Location NATTC Pensacola
Length 32 days
RFT date October 1998
Source rating ABH
Skill identifier..... NECs 7011
TTE/TD All required equipment is available.

Prerequisites Career designated ABH personnel, E-4 through E-9, that have completed fleet training course J-495-0413 or equivalent.

Note: This is a revision of the existing course directed by Maintenance Training Requirements Review (MTRR) action item C-780-2013 #3. This same course is listed in the follow-on training section as it exists.

b. Follow-on Training. The Army, Navy, and Marine Corps currently use the following courses of instruction to meet all formal training requirements. All courses are taught at Goodfellow AFB and are on-line.

X3AZR3E771-020, Fire Inspector 1 School.....	13 training days
X3AZR3E771-021, Fire Inspector 2 School.....	11 training days
X3AZR3E771-019, Fire Inspector Officer 2 School	12 training days
X3AZR3E771-018, HAZMAT, Tech (Train the Trainer)	20 training days
X3AZR3E751-017, Advanced Rescue School.....	15 training days

(1) USN and USMC

Title	Fire Protection Apprentice Course
CIN	X3ABR3E731-008
Description	This course provides selected USMC personnel the required knowledge and skills to obtain MOS 7051, Aircraft Firefighting and Rescue Specialist. Upon completion, the student will be able to perform the duties of an aircraft firefighting and rescue specialist under supervision.
Location	Goodfellow AFB
Length	92 days
RFT date	On-line
Source rating	USMC
Skill identifier.....	MOS 7051
TTE/TD	All required equipment is available.
Prerequisite	Physically qualified

Note: Team training is required once every 24 months, or when there has been a 40% turnover in crash crew personnel.

(2) USN only

Title **Aviation Boatswain Mate Aircraft Handling (ABH)
Class A1 School**

CIN C-822-2010

Description This course provides selected Navy personnel the required knowledge and skills to become an ABH. Forty-seven hours of ARFF training is included in this course.

Location NATTC Pensacola

Length 39 days

RFT date On-line

Source rating ABH

Skill identifier..... None

TTE/TD All required equipment is available.

Prerequisite Physically qualified

Title..... **Aviation Boatswain's Mate Aircraft Handling
Advanced Class C1**

CIN..... C-780-2013

Description..... This course provides the training and technology required to direct aircraft rescue and firefighting parties and salvage operations ashore and afloat. Upon completion the student will be able to direct aircraft rescue and firefighting parties and salvage operations ashore and afloat without supervision.

Location..... NATTC Pensacola

Length..... 44 days

RFT date..... On-line

Source rating..... ABH

Skill identifier..... NEC 7011

TTE/TD..... All required equipment is available.

Prerequisites..... Career designated ABH personnel, E-4 through E-9, that have completed fleet training course J-495-0413 or equivalent.

Title **Aircraft Firefighting Shipboard Team Training**
CIN C-780-2012
Description This course provides team training to crash and salvage teams on the effective use of shipboard firefighting equipment through performance of specialized aircraft firefighting and salvage drills conducted on the carrier deck training facility. Upon completion, the student will be able to perform as firefighting team member.
Location NATTC Pensacola
Length 5 days
RFT date On-line
Source rating..... ABH
Skill identifier..... NA
TTE/TD All required equipment is available.
Prerequisites J-495-0413, Fleet Training Course
Or
C-822-2010, Aviation Boatswain's Mate Aircraft Handling Class A1
And
Assignment to an aircraft crash and salvage unit aboard a carrier or amphibious aviation ship.

Title **Fire Protection Apprentice (Shore-Based)**
CIN X3ABR3E731-006
Description This course provides ABH personnel with the skills required to be an effective Certified Airport Firefighter. Upon completion, the student will be able to perform as an effective certified airport firefighter under limited supervision.
Location Goodfellow AFB
Length 92 days
RFT date On-line
Source rating ABH
Skill identifier..... NEC 7012
TTE/TD Air Force school, all equipment is available.

Prerequisites..... ABH3, (not waiverable) three years obligated service after school completion and physically qualified.

c. Explosive Ordnance Disposal Training. NA

d. Selected Reserve Training. No Selected Reserve (SELRES) or Selected Marine Corps Reserve (SMCR) participation in the ARFF Training Program is planned. SELRES personnel with NEC 7011 and SMCR officers with MOS 7002 will receive training while on active duty and before transferring to the Reserves.

e. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
ABH 7011	° C-822-2010, Aviation Boatswain Mate, Aircraft Handling Class 1A School, or ° J-495-0413, Shipboard Aircraft Firefighting
ABH 7012	° C-822-2010, Aviation Boatswain Mate, Aircraft Handling Class 1A School (or equivalent)

f. Training Pipelines. Each NEC or MOS producing course is stand-alone.

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development. Onboard proficiency training is conducted to improve and enhance the capabilities of individuals. This will be accomplished through drills, informal training, and the CBT currently being developed. The aircraft carrier aircraft firefighting ICW trainer provides refresher training that enhances safety and emergency response by firefighting personnel.

Title Shipboard Aircraft Firefighting
CIN J-495-0413
Description This course provides all flight deck and selected aviation maintenance personnel (V-1 or V-3 Division) with basic shipboard aircraft firefighting skills.
Locations Onboard Aircraft Carriers and Amphibious Type Ships
Length 1 day

RFT date	On-line
Skill identifier	None
Prerequisites	Physically qualified and assigned to an aircraft carrier or amphibious ship (LPD, MCS, LHA, or LHD).
Title	Air Capable Ship Helicopter Firefighting Team Training
CIN	J-495-0414
Description	This course provides exercise to an experienced, organized firefighting team assigned to an LPD or smaller aircraft capable ship. Meets OPNAV damage control Proficiency Level III requirements.
Locations	Onboard Frigates and Destroyers
Length	1 day
RFT date	On-line
Skill identifier	None
Prerequisites	Physically qualified, assigned to a helicopter firefighting team, and J-495-0413.
Title	Carrier Deck Indoctrination and Firefighting CBT Training
CIN	C-780-2020
Description	This CBT course provides individual skill and knowledge exercises for shipboard ARFF.
Locations	NATTC Pensacola NTC Great Lakes (A School) Each aircraft carrier
Length	Self-paced
RFT date	On-line
Skill identifier	None
Prerequisite	None

Title	Amphibious Aviation Shipboard Firefighting CBT Training
CIN	To Be Determined (TBD)
Description	This CBT course provides individual skills and knowledge exercises for shipboard ARFF.
Location	NATTC Pensacola and each amphibious aviation ship
Length	Self-paced
RFT date	TBD
Skill identifier	None
Prerequisite	None

The aviation training process (training continuum) introduces CBT throughout the Navy technical training process. The application and adoption of recent advances in computer hardware and software technology have enabled CBT with its basic elements of CMI, Computer Aided Instruction (CAI), and ICW to be integrated into the training continuum and provide essential support for standardizing technical training.

Title	Firefighting Drills
CIN	NA
Description	This course provides individual and team skills exercises in fighting actual fires with operational ARFF equipment.
Locations	At each ARFF activity
Length	As required
RFT date	July 2000
Skill identifier	None
Prerequisite	None

Note: The MAFTD will be used to provide this proficiency training to firefighting organizations. The NATOPS requires two live fires per month to maintain this proficiency.

2. Personnel Qualification Standards. Naval Education and Training (NAVEDTRA) 43426-1 supports shipboard Air Department and firefighting training requirements and has been revised. NAVEDTRA 43517 of August 1992 supports shore-based Air Department and firefighting training. This Personal Qualification Standard package is scheduled for review and should be updated to reflect the DoDINST 6055.6 requirements, as well as other deficient areas, such as inclusion of Self-Contained Breathing Apparatus.

3. Other On Board or In-service Training Packages. The designated Aircraft Firefighting and Salvage Specialist (NEC 7011) will enhance onboard continuation training of ships company and air wing personnel through use of crash drills and other informal On-the-Job Training (OJT) per NATOPS Manual NAVAIR-00-80R-14, and local command instructions. DoD Certified Airport Firefighters (NEC 7012) will enhance onboard continuation training of station personnel through use of crash drills, formal and informal OJT per NATOPS Manual NAVAIR-00-80R-14, and local command instructions.

There are many related courses of instruction available through the Air Force Extension Course Institute. A catalog of courses is available for the DoD Fire Protection Certification Program.

Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and Marine Training Management Evaluation Program (MATMEP). This program is designed to meet all Marine Corps 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.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers. Firefighting facilities at NATTC Pensacola were built under MILCON project P-662. This project was completed September 1996 and ready for Navy occupancy during first quarter FY97. The carrier deck aircraft firefighting TDs (mock-ups and airboat engines) were developed by Hughes Associates, Incorporated, and delivered in September 1990. These devices were refurbished and relocated from NATTC Millington to NATTC Pensacola during first quarter FY97. The MAFTD home based in Norfolk was delivered under contract N00189-97-C-0139.

2. Program Documentation. Existing technical manuals required to support Aircraft Rescue and Firefighting Training Program courses taught at NATTC Pensacola are listed below. All manuals are provided by the Naval Air Technical Data and Engineering Service Command.

MANUAL TITLE	MANUAL NUMBER
NATOPS U.S. Navy Firefighting and Rescue Manual	NAVAIR-00-80R-14
NATOPS U.S. Navy Aircraft Emergency Rescue Information Manual	NAVAIR-00-80R-14-1
NATOPS U.S. Navy Aircraft Crash and Salvage Operations Manual (Afloat)	NAVAIR-00-80R-19
NATOPS U.S. Navy Aircraft Crash and Salvage Operations Manual (Shore)	NAVAIR-00-80R-20

3. Technical Data Plan. All operations, maintenance, and technical publications are available for the existing ARFF program. New requirements for MAFTD will be published in a future update to this NTSP.

4. Test Sets, Tools, and Test Equipment. All special tools and test equipment used to support existing ARFF maintenance requirements are available. Much of this equipment is commercial with commercial support. Those items peculiar to the Navy have their own logistics support in place. The MAFTD is being procured without special tool or equipment requirements.

5. Repair Parts. Spare parts for commercial equipment are procured locally by the command. Repair parts for Navy peculiar equipment are procured through the Navy supply system. Spare parts for the flight deck trainers and training facilities are procured through existing commercial operations and maintenance contracts.

6. Human Systems Integration. A human system integration plan will not be developed for the ARFF program.

K. SCHEDULES

1. Installation and Delivery Schedules. MILCON project P-662 includes the schoolhouse, shore ARFF facility, carrier ARFF facility, salvage training area, and fire mat training mockup. This project was completed in September 1996.

2. Ready For Operational Use Schedule

a. NATTC Pensacola. The NATTC Pensacola facilities were ready for operational use in January 1997.

b. NAVSTA Norfolk. The MAFTD for NAVSTA Norfolk was ready for operational use in March 1998.

3. Time Required to Install at Operational Sites. NA

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

5. Training Device and Technical Training Equipment Delivery Schedule

a. Training Devices. Each of the following devices were removed from NATTC Millington, refurbished, and installed at NATTC Pensacola as indicated:

TD	REMOVED	INSTALLED
Aircraft Mockup	Oct 96	Jan 97
Debris Pile	Oct 96	Jan 97

TD	REMOVED	INSTALLED
Cascading Fuel	Oct 96	Jan 97
Engine Mockup	Oct 96	Jan 97

b. Computer Based Training. CBT courses were delivered as follows:

- Hardware and software were delivered to each aircraft carrier during third and fourth quarter FY97. NATTC Pensacola and NTC Great Lakes had the computer assets to run the CBT program and were only provided the required software.
- Hardware and software systems for amphibious type ships will be delivered to NATTC Pensacola, NTC Great Lakes, and to each amphibious type ships when developed.

c. MAFTD systems were delivered as follows:

LOCATION	DATE	QTY
NAVSTA Norfolk	Mar 98	1
NAS Mayport	Oct 99	1

The following are only preliminary estimates that will be refined in future updates to this NTSP:

LOCATION	DATE	QTY
NAS Atsugi	FY00	1
NAS North Island	May 00/FY00	2
NAVSTA Norfolk	Jun 00	1
NAS Pensacola	Apr 00/FY01(2)	3
NAS Corpus Christi	FY05 or 06	1
NAS Whidbey Island	FY05 or 06	1

LOCATION	DATE	QTY
Commander, Naval Forces Europe	FY05 or 06	1
Commander, Fleet Air Western Pacific	FY05 or 06	1

None of the aircraft used as Technical Training Equipment (TTE) at NATTC Millington were moved to Pensacola. The Chief of Naval Education and Training (CNET) has requested replacement assets to be delivered to NATTC Pensacola. The aircraft listed in Part IV support the courses in this NTSP. CNET has requested additional assets to support other courses, both related and unrelated, offered at NATTC Pensacola.

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

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
DoD Fire and Emergency Services	DoDINST 6055.6	USAF	Dec 94
DoD Fire and Emergency Services Certification Program	DoD 6055.6-M	USAF	Dec 95
Navy Firefighting Facility Manual (Ashore)	NAVFAC-P-1021	NAVFAC	Aug 92

TABLE I-1, NAVY SHIPBOARD REQUIREMENTS FOR NEC 7011

SHIP / UIC	NEC 7011 REQUIREMENT
USS Kitty Hawk (CV 63) / 03363	5
USS Constellation (CV 64) / 03364	5
USS Enterprise (CVN 65) / 03365	5
USS John F. Kennedy (CV 67) / 03367	5
USS Nimitz (CVN 68) / 03368	5
USS Dwight D. Eisenhower (CVN 69) / 03369	6
USS Carl Vinson (CVN 70) / 20993	5
USS Theodore Roosevelt (CVN 71) / 21247	5
USS Abraham Lincoln (CVN 72) / 21297	5
USS George Washington (CVN 73) / 21412	6
USS John C. Stennis (CVN 74) / 21847	5
USS Harry S. Truman (CVN 75) / 21853	5
USS Ronald Reagan (CVN 76) / 22178 (Comm FY02)	5
USS Austin (LPD 4) / 07175	2
USS Ogden (LPD 5) / 07176	1
USS Duluth (LPD 6) / 07177	1
USS Cleveland (LPD 7) / 07181	1
USS Dubuque (LPD 8) / 07182	1
USS Denver (LPD 9) / 07183	1
USS Juneau (LPD 10) / 07184	1
USS Shreveport (LPD 12) / 07195	2
USS Nashville (LPD 13) / 07196	1
USS Trenton (LPD 14) / 07200	1
USS Ponce (LPD 15) / 07201	1
USS Tarawa (LHA 1) / 20550	4
USS Saipan (LHA 2) / 20632	4
USS Belleau Wood (LHA 3) / 20633	4

SHIP / UIC	NEC 7011 REQUIREMENT
USS Nassau (LHA 4) / 20725	4
USS Peleliu (LHA 5) / 20748	4
USS Inchon (MCS 12) / 20009	4
USS Wasp (LHD 1) / 21560	4
USS Essex (LHD 2) / 21533	4
USS Kearsarge (LHD 3) / 21700	4
USS Boxer (LHD 4) / 21808	4
USS Bataan (LHD 5) / 21879	4
USS Iwo Jima (LHD 7) / 23027	4
USS Bonhomme Richard (LHD 6) / 22202	4
TOTAL:	132

TABLE I-2, SHORE / STAFF / INSTRUCTOR REQUIREMENTS FOR NEC 7011

ACTIVITY / UIC	NEC 7011 REQUIREMENT
FTC Mayport / 10151	4
FTC Norfolk / 61797	7
NATTC Pensacola / 63093	33
Undergraduate Pilot School, Meridian / 42105	10
FTC Yokosuka / 57065	4
FTC Sasebo / 49366	2
NTTC Goodfellow AFB / 30921	18
TOTAL:	78

TABLE I-3, SHIP WATCH STATION REQUIREMENTS FOR NEC 7011

WATCH STATION TITLE	RATE	SHIP APPLICATION											
		CV/CVN			LHD			LHA			LPD		
		CONDITION			CONDITION			CONDITION			CONDITION		
		I	FQ	ASW	I	FQ	IA	I	FQ	IA	I	FQ	IA
AV Boatswain's Mate	ABCM	X	X	X	X	X	X	X	X	X			
Flight Deck Chief	ABHC	X	X		X	X	X	X	X	X			
Flight Deck LPO	ABH1	X	X	X	X	X	X	X	X	X			
Fly One Petty Officer	ABH2	X	X	X	X	X	X	X	X	X			
Fly Two Petty Officer	ABH2	X	X	X	X	X	X	X	X	X			
Fly Three Petty Officer	ABH2	X	X	X									
Equip. Crew Supervisor	ABH2	X	X	X									
Crash & Salvage Chief	ABHC	X	X										
Crash & Slvg. Crewleader	ABH1/2	X	X	X	X	X	X	X	X	X	X	X	X
P-16/25 or M-B-5 Driver	ABH3	X	X	X	X	X	X	X	X	X			
Forklift Operator	ABH3	X	X	X	X	X	X	X	X	X			
Crash Crane Operator	ABH3	X	X	X	X	X	X	X	X	X	X	X	X
Hangar Deck Chief	ABHC	X	X		X	X	X	X	X	X			
Hangar Deck LPO	ABH1	X	X	X	X	X	X	X	X	X			
Hgr Bay #1 Supervisor	ABH2	X	X	X									
Hgr Bay #2 Supervisor	ABH2	X	X	X									
Hgr Bay #3 Supervisor	ABH2	X	X	X									
TOTALS:		17	14	11	11	11	11	11	11	11	4	4	4

TABLE I-4, PROJECTED REQUIREMENTS FOR NEC 7012

ACTIVITY/UIC	EQUIP	OP HRS	FIRE FTR	SUPR	FIRE INSP	DISP	TOTAL
NAS Oceana (Fentress) / 30774	2 ARFF 1000	24	23	2			25
NAS Pensacola (Choctaw) / 42093 & 47847	2 ARFF 1000	24	16	2		5	23
NAS Whiting / 42096	7 TAU	17	37	14		1	52
NAS Whiting (Barin)	1 TAU	17	5	1		1	7
NAS Whiting (Brewton)	1 TAU	12	5	1		1	7
NAS Whiting (Evergreen)	1 TAU	12	5	1		1	7
NAS Whiting (Harold)	1 TAU	8	4	1			5
NAS Whiting (Holley)	1 TAU	8	4	1			5
NAS Whiting (Pace)	1 TAU	8	4	1			5
NAS Whiting (Wolf)	1 TAU	8	4	1			5
NAS Whiting (Santa Rosa)	1 TAU	17	5	1		1	7
NAS Whiting (Saufley)	1 TAU	17	5	1		1	7
NAS Whiting (Silverhill)	1 TAU	8	4	1			5
NAS Whiting (Site 8)	1 TAU	8	4	1			5
NAS Whiting (Spencer)	2 TAU	8	8	2			10
NAS Whiting (Summerdale)	1 TAU	8	4	1			5
NAS Kingsville (Or Grove) / 30776	2 ARFF 1000	24	16	2			18
NAS Meridian (Joe Williams) / 42105	2 ARFF 1000	24	16	2			18
NAS Corpus Christi (Rkprt) / 42094	1 ARFF 1000	8	4	1			5
NAS Rota / 62863	3 ARFF 1000	24	27	5			32
NAVSTA Guantanamo Bay / 60514	2 ARFF 1000 & 1 STRUCT	24	34			5	39
NAS Sigonella / 62995	3 ARFF 1000	24	24	2			26
NAS Whidbey (Coopville)	2 ARFF 1000	24	16	2			
NSF Thurmont (Cmp David) / 0417A	1 ARFF & 1 STRUCT	24	12	1			13
NSO La Maddalina / 32960	NA	NA			1		1
ASU Bahrain	NA	NA			1		2
NAVMED Res Unit 3 Cairo / 39964	NA	NA			1		1
JMF St. Mawgan	NA	NA			1		1
NAVSUPACT Naples / 42128	NA	NA			2		2
Amphib Base Little Creek / 85630	1 ARFF & 1 STRUCT		11	1			12
NTTC Det Goodfellow AFB / 30921	SCHOOL	NA	11	1			12
TOTAL			282	50	6	16	373

Note: In 1997, a meeting was held to determine the requirements for NEC 7012. PMA 251, along with Handling Officers from COMNAVAIRLANT and COMNAVAIRPAC, projected which of the ABH shore duty billets are actual Fire Fighters. The results are projections only and are listed in Table I-4. When actual NEC 7012 billets are established, they will be identified in updates to this NTSP.

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the Aircraft Rescue and Firefighting Training Program and, therefore, are not included in Part II of this NTSP:

II.A. Billet Requirements

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

II.A. BILLET REQUIREMENTS

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

SOURCE: Total Force Manpower Management System

DATE: 03/08/00

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITIES - NAVY							
CV 67 USS John F. Kennedy	03367	1	0	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0	0
CVN 69 USS Dwight D. Eisenhower	03369	1	0	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	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
CVN 76 USS Ronald Reagan	22178	0	0	0	1	0	0
JMF St. Mawgan	48389	1	0	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0	0
LHD 6 Bonhomme Richard	22202	1	0	0	0	0	0
Little Creek Amphibious Base	85630	1	0	0	0	0	0
LPD 10 USS Juneau	07184	1	0	0	0	0	0
LPD 12 USS Shreveport	07195	1	0	0	0	0	0
LPD 13 USS Nashville	07196	1	0	0	0	0	0
LPD 14 USS Trenton	07200	1	0	0	0	0	0
LPD 15 USS Ponce	07201	1	0	0	0	0	0
LPD 4 USS Austin	07175	1	0	0	0	0	0
MCS 12 USS Inchon	20009	1	0	0	0	0	0
NAS Brunswick	60087	1	0	0	0	0	0
NAS Key West	00213	1	0	0	0	0	0
NAS Kingsville	30776	1	0	0	0	0	0
NAS Meridian	42105	1	0	0	0	0	0
NAS Oceana	60191	1	0	0	0	0	0
NAS Pensacola	42093	1	0	0	0	0	0
NAS Rota	62863	1	0	0	0	0	0
NAS Sigonella	62995	1	0	0	0	0	0
NAS Whiting Field	42096	1	0	0	0	0	0
Naval Support Activity-Naples, Italy	62588	1	0	0	0	0	0
NS Guantanamo	60514	1	0	0	0	0	0
NS Mayport	60201	1	0	0	0	0	0
NS Roosevelt Roads	00389	1	0	0	0	0	0
NS Rota Spain	62863	1	0	0	0	0	0
NSF Thurmont (Camp David)	0417A	1	0	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV 64 USS Constellation	03364	1	0	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0	0

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

SOURCE: Total Force Manpower Management System

DATE: 03/08/00

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0	0
LHD 7 USS Iwo Jima	23027	1	0	0	0	0	0
LPD 5 USS Ogden	07176	1	0	0	0	0	0
LPD 6 USS Duluth	07177	1	0	0	0	0	0
LPD 7 USS Cleveland	07181	1	0	0	0	0	0
LPD 8 USS Dubuque	07182	1	0	0	0	0	0
LPD 9 USS Denver	07183	1	0	0	0	0	0
NAF Atsugi, Japan	62507	1	0	0	0	0	0
NAS Corpus Christi	42094	1	0	0	0	0	0
NAS Fallon	60495	1	0	0	0	0	0
NAS Kingsville Auxiliary Landing Field	30776	1	0	0	0	0	0
NAS Lemoore	63042	1	0	0	0	0	0
NAS Whidbey Island	00620	1	0	0	0	0	0
Navy Support Facility-Diego Garcia	68539	1	0	0	0	0	0
TOTAL:		60	0	0	1	0	0
OPERATIONAL ACTIVITIES - USMC							
2nd MAW, MCAS Cherry Point	57080	1	0	0	0	0	0
4th MAW, MCAS New Orleans	67811	1	0	0	0	0	0
Fixed Wing Support Squadron, MCAS Beaufort	09131	1	0	0	0	0	0
Fixed Wing Support Squadron, MCAS Cherry	57080	1	0	0	0	0	0
H&HS, MCAF Quantico	00262	1	0	0	0	0	0
H&HS, MCAS Beaufort	60169	1	0	0	0	0	0
H&HS, MCAS Cherry Point	00146	1	0	0	0	0	0
H&HS, MCAS New River	62573	1	0	0	0	0	0
HQ MWSG, MCAS Cherry Point	57080	1	0	0	0	0	0
MWSS 472, MCAS Marietta	67817	1	0	0	0	0	0
MWSS 474 Det B, Air Reserve Base Westover,	67820	1	0	0	0	0	0
MWSS 474, NAS Willow Grove	67827	1	0	0	0	0	0
Rotary Wing Support Sqd, MCAS New River	09167	1	0	0	0	0	0
1st MAW, MCAS Okinawa	57079	1	0	0	0	0	0
3rd MAW, MCAS Yuma	55167	1	0	0	0	0	0
Fixed Wing Support Squadron, MCAS Iwakuni	41975	1	0	0	0	0	0
Fixed Wing Support Squadron, MCAS Miramar	46623	1	0	0	0	0	0
Fixed Wing Support Squadron, MCAS Yuma	31055	1	0	0	0	0	0
H&HS, MCAS Camp Pendleton	67604	1	0	0	0	0	0
H&HS, MCAS Futenma	63026	1	0	0	0	0	0
H&HS, MCAS Iwakuni	62613	1	0	0	0	0	0
H&HS, MCAS Miramar	31200	1	0	0	0	0	0
H&HS, MCAS Yuma	62974	1	0	0	0	0	0
HQ MWSG, MCAS Okinawa	57079	1	0	0	0	0	0

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

SOURCE: Total Force Manpower Management System

DATE: 03/08/00

ACTIVITY, UIC	PFYs	CFY00	FY01	FY02	FY03	FY04
HQ MWSG, MCAS Yuma	46623	1	0	0	0	0
MCAF Kaneohe Bay	31947	1	0	0	0	0
MWSS 374, 29 Palms	47790	1	0	0	0	0
MWSS 471, JRB Fort Worth	48085	1	0	0	0	0
MWSS 473 Det B, NAS Whidbey Island	67422	1	0	0	0	0
MWSS 473, MCAS Miramar	67823	1	0	0	0	0
Rotary Wing Support Sqd, MCAS Camp Pendleton		31053	1	0	0	0
0						
Rotary Wing Support Squadron, MCAS	46623	1	0	0	0	0
Rotary Wing Support Squadron, MCAS	57079	1	0	0	0	0
TOTAL:		33	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY						
ASU Baharain	63001	1	0	0	0	0
NAVMED Res Unit Cairo	39664	1	0	0	0	0
NAVSUPACT Naples	42128	1	0	0	0	0
Navy Support Office-Sardinia, Italy	32960	1	0	0	0	0
NSO La Maddalina	32960	1	0	0	0	0
TOTAL:		5	0	0	0	0
FLEET SUPPORT ACTIVITIES - USMC						
HQ MWSG 47, MCAS New Orleans	67242	1	0	0	0	0
Marine Corps Headquarters	00027	1	0	0	0	0
NAVAIRSYSCOM 551	00027	1	0	0	0	0
Goodfellow AFB	30921	1	0	0	0	0
TOTAL:		4	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
	OFF	ENL			
OPERATIONAL ACTIVITIES - NAVY					
CV 67 USS John F. Kennedy, 03367					
ACDU	0	2	ABHC	7011	
	0	3	ABH2	7011	
ACTIVITY	0	5			
CVN 65 USS Enterprise, 03365					
ACDU	0	2	ABHC	7011	
	0	3	ABH2	7011	
ACTIVITY	0	5			
CVN 69 USS Dwight D. Eisenhower, 03369					
ACDU	0	2	ABHC	7011	
	0	1	ABH1	7011	
	0	3	ABH2	7011	
ACTIVITY	0	6			
CVN 71 USS Theodore Roosevelt, 21247					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
	0	1	ABH2	7011	9595
ACTIVITY	0	5			
CVN 73 USS George Washington, 21412					
ACDU	0	2	ABHC	7011	
	0	1	ABH1	7011	
	0	3	ABH2	7011	
ACTIVITY	0	6			
CVN 75 USS Harry S. Truman, 21853					
ACDU	0	2	ABHC	7011	
	0	3	ABH2	7011	
ACTIVITY	0	5			
CVN 76 USS Ronald Reagan, 22178, FY02 Increment					
ACDU	0	2	ABHC	7011	
	0	3	ABH2	7011	
ACTIVITY	0	5			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
JMF St. Mawgan, 48389					
ACDU	0	1	ABH	7012	
ACTIVITY	0	1			
LHA 2 USS Saipan, 20632					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHA 4 USS Nassau, 20725					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHD 1 USS Wasp, 21560					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHD 3 USS Kearsarge, 21700					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHD 5 USS Bataan, 21879					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHD 6 Bonhomme Richard, 22202					
ACDU	0	3	ABHC	7011	
	0	1	ABH1	7011	
	0	2	ABH2	7011	
ACTIVITY	0	6			
Little Creek Amphibious Base, 85630					
ACDU	0	12	ABH	7012	
ACTIVITY	0	12			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
LPD 10 USS Juneau, 07184					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
LPD 12 USS Shreveport, 07195					
ACDU	0	2	ABH1	7011	
ACTIVITY	0	2			
LPD 13 USS Nashville, 07196					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
LPD 14 USS Trenton, 07200					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
LPD 15 USS Ponce, 07201					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
LPD 4 USS Austin, 07175					
ACDU	0	2	ABH1	7011	
ACTIVITY	0	2			
MCS 12 USS Inchon, 20009					
ACDU	0	2	ABHC	7011	
	0	1	ABH1	7011	
	0	1	ABH2	7011	
ACTIVITY	0	4			
NAS Brunswick, 60087					
ACDU	0	2	ABH1	7011	
	0	3	ABH2	7011	
ACTIVITY	0	5			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAS Key West, 00213					
ACDU	0	1	ABHC	7011	
	0	2	ABH1	7011	
	0	3	ABH2	7011	
ACTIVITY	0	6			
NAS Kingsville, 30776					
ACDU	0	18	ABH	7012	
ACTIVITY	0	18			
NAS Meridian, 42105					
ACDU	0	18	ABH	7012	
	0	3	ABH1	7011	
	0	7	ABH2	7011	
ACTIVITY	0	18			
NAS Oceana, 60191					
ACDU	0	1	ABH1	7011	
	0	3	ABH2	7011	
	0	25	ABH	7012	
ACTIVITY	0	29			
NAS Pensacola, 42093					
ACDU	0	23	ABH	7012	
ACTIVITY	0	23			
NAS Rota, 62863					
ACDU	0	32	ABH	7012	
ACTIVITY	0	32			
NAS Sigonella, 62995					
ACDU	0	32	ABH	7012	
ACTIVITY	0	32			
NAS Whiting Field, 42096					
ACDU	0	132	ABH	7012	
ACTIVITY	0	132			
Naval Support Activity-Naples, Italy, 62588					
ACDU	0	1	ABH1	7011	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	0	1			
NS Guantanamo, 60514					
ACDU	0	39	ABH	7012	
ACTIVITY	0	39			
NS Mayport, 60201					
ACDU	0	1	ABH1	7011	
	0	2	ABH2	7011	
ACTIVITY	0	3			
NS Roosevelt Roads, 00389					
ACDU	0	1	ABHC	7011	
	0	2	ABH1	7011	
	0	3	ABH2	7011	
	0	2	ABH2	2821	7011
SELRES	0	2	ABH2	7011	
ACTIVITY	0	10			
NS Rota Spain, 62863					
ACDU	0	9	ABH1	7011	
	0	1	ABH1	7011	9597
	0	14	ABH2	7011	
	0	1	ABH2	7011	9516
ACTIVITY	0	25			
NSF Thurmont (Camp David), 0417A					
ACDU	0	13	ABH	7012	
ACTIVITY	0	13			
CV 63 USS Kitty Hawk, 03363					
ACDU	0	2	ABHC	7011	
	0	3	ABH2	7011	
ACTIVITY	0	5			
CV 64 USS Constellation, 03364					
ACDU	0	2	ABHC	7011	
	0	3	ABH2	7011	
ACTIVITY	0	5			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
CVN 68 USS Nimitz, 03368					
ACDU	0	2	ABHC	7011	
	0	1	ABH1	7011	
	0	3	ABH2	7011	
ACTIVITY	0	6			
CVN 70 USS Carl Vinson, 20993					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
	0	1	ABH2	7011	9595
ACTIVITY	0	5			
CVN 72 USS Abraham Lincoln, 21297					
ACDU	0	2	ABHC	7011	
	0	1	ABH1	7011	
	0	3	ABH2	7011	
ACTIVITY	0	6			
CVN 74 USS John C. Stennis, 21847					
ACDU	0	2	ABHC	7011	
	0	1	ABH1	7011	
	0	3	ABH2	7011	
ACTIVITY	0	6			
LHA 1 USS Tarawa, 20550					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHA 3 USS Belleau Wood, 20633					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHA 5 USS Peleliu, 20748					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHD 2 USS Essex, 21533					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	0	4			
LHD 4 USS Boxer, 21808					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LHD 7 USS Iwo Jima, 23027					
ACDU	0	2	ABHC	7011	
	0	2	ABH2	7011	
ACTIVITY	0	4			
LPD 5 USS Ogden, 07176					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
LPD 6 USS Duluth, 07177					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
LPD 7 USS Cleveland, 07181					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
LPD 8 USS Dubuque, 07182					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
LPD 9 USS Denver, 07183					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
NAF Atsugi, Japan, 62507					
ACDU	0	4	ABH2	7011	
SELRES	0	10	ABH2	7011	
ACTIVITY	0	14			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAS Corpus Christi, 42094					
ACDU	0	5	ABH	7012	
ACTIVITY	0	5			
NAS Fallon, 60495					
ACDU	0	1	ABHC	7011	
	0	4	ABH2	7011	
ACTIVITY	0	5			
NAS Kingsville Auxiliary Landing Field, 30776					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
NAS Lemoore, 63042					
ACDU	0	1	ABHC	7011	9502
	0	1	ABH1	7011	
	0	1	ABH1	7011	9502
	0	1	ABH2	7011	
	0	3	ABH2	7011	9502
ACTIVITY	0	7			
NAS Whidbey Island, 00620					
ACDU	0	18	ABH	7012	
ACTIVITY	0	18			
Navy Support Facility-Diego Garcia, 68539					
ACDU	0	1	ABHC	7011	
	0	2	ABH1	7011	
ACTIVITY	0	3			
OPERATIONAL ACTIVITIES - USMC					
2nd MAW, MCAS Cherry Point, 57080					
USMC	1	0	CWO4	7002	
ACTIVITY	1	0			
4th MAW, MCAS New Orleans, 67811					
SMCR	1	0	CWO4	7002	
ACTIVITY	1	0			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
Fixed Wing Support Squadron, MCAS Beaufort, 09131					
USMC	2	0	CWO2	7002	
	0	10	CPL	7051	
	0	5	GYSGT	7051	
	0	28	LCPL	7051	
	0	1	MSGT	7051	
	0	8	SGT	7051	
	0	1	SSGT	7051	9954
ACTIVITY	2	53			
Fixed Wing Support Squadron, MCAS Cherry Point, 57080					
USMC	2	0	CWO2	7002	
	0	10	CPL	7051	
	0	5	GYSGT	7051	
	0	28	LCPL	7051	
	0	1	MSGT	7051	
	0	8	SGT	7051	
	0	1	SSGT	7051	9954
ACTIVITY	2	53			
H&HS, MCAF Quantico, 00262					
USMC	1	0	CWO2	7002	
	0	11	CPL	7051	
	0	2	GYSGT	7051	
	0	24	LCPL	7051	
	0	1	MSGT	7051	
	0	6	SSGT	7051	
ACTIVITY	1	44			
H&HS, MCAS Beaufort, 60169					
USMC	1	0	CWO3	7002	
	0	1	CPL	7051	
	0	2	GYSGT	7051	
	0	19	LCPL	7051	
	0	1	SGT	7051	9954
	0	5	SGT	7051	
	0	5	SSGT	7051	
ACTIVITY	1	33			
H&HS, MCAS Cherry Point, 00146					
USMC	1	0	CWO3	7002	
	0	10	CPL	7051	
	0	5	GYSGT	7051	
	0	13	LCPL	7051	
	0	1	MGYSGT	7051	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	8	SGT	7051	
	0	7	SSGT	7051	
ACTIVITY	1	44			
H&HS, MCAS New River, 62573					
USMC	1	0	CWO3	7002	
	0	5	CPL	7051	
	0	1	GYSGT	7051	
	0	11	LCPL	7051	
	0	1	MSGT	7051	
	0	6	SGT	7051	
	0	4	SSGT	7051	
	0	2	SSGT	7051	9954
ACTIVITY	1	30			
HQ MWSG, MCAS Cherry Point, 57080					
USMC	1	0	CWO3	7002	
ACTIVITY	1	0			
MWSS 472, MCAS Marietta, 67817					
SMCR	1	0	CWO2	7002	
	0	13	CPL	7051	
	0	1	GYSGT	7051	9954
	0	2	GYSGT	7051	
	0	26	LCPL	7051	
	0	1	MSGT	7051	
	0	9	SGT	7051	
	0	2	SSGT	7051	
ACTIVITY	1	54			
MWSS 474 Det B, Air Reserve Base Westover, Mass, 67820					
SMCR	0	6	CPL	7051	
	0	1	GYSGT	7051	
	0	9	LCPL	7051	
	0	3	SGT	7051	
	0	1	SSGT	7051	
ACTIVITY	0	20			
MWSS 474, NAS Willow Grove, 67827					
SMCR	1	0	CWO2	7002	
	0	7	CPL	7051	
	0	1	GYSGT	7051	9954
	0	1	GYSGT	7051	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
SMCR	0	17	LCPL	7051	
	0	1	MSGT	7051	
	0	6	SGT	7051	
	0	1	SSGT	7051	
ACTIVITY	1	34			
Rotary Wing Support Squadron, MCAS New River, 09167					
USMC	1	0	CWO2	7002	
	0	13	CPL	7051	
	0	1	GYSGT	7051	9954
	0	2	GYSGT	7051	
	0	26	LCPL	7051	
	0	1	MSGT	7051	
	0	9	SGT	7051	
	0	2	SSGT	7051	
ACTIVITY	1	54			
1st MAW, MCAS Okinawa, 57079					
USMC	1	0	CWO4	7002	
ACTIVITY	1	0			
3rd MAW, MCAS Yuma, 55167					
USMC	2	0	CWO4	7002	
ACTIVITY	2	0			
Fixed Wing Support Squadron, MCAS Iwakuni, 41975					
USMC	2	0	CWO2	7002	
	0	10	CPL	7051	
	0	5	GYSGT	7051	
	0	28	LCPL	7051	
	0	1	MGYSGT	7051	
	0	8	SGT	7051	
	0	1	SSGT	7051	9954
ACTIVITY	2	53			
Fixed Wing Support Squadron, MCAS Miramar, 46623					
USMC	2	0	CWO2	7002	
	0	10	CPL	7051	
	0	5	GYSGT	7051	
	0	28	LCPL	7051	
	0	1	MSGT	7051	
	0	8	SGT	7051	
	0	1	SSGT	7051	9954

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	2	53			
Fixed Wing Support Squadron, MCAS Yuma, 31055					
USMC	2	0	CWO2	7002	
	0	10	CPL	7051	
	0	5	GYSGT	7051	
	0	28	LCPL	7051	
	0	1	MSGT	7051	
	0	8	SGT	7051	
	0	1	SSGT	7051	9954
ACTIVITY	2	53			
H&HS, MCAS Camp Pendleton, 67604					
USMC	1	0	CWO2	7002	
	0	1	CPL	7051	
	0	1	GYSGT	7051	9954
	0	12	LCPL	7051	
	0	1	MSGT	7051	
	0	7	SGT	7051	
	0	4	SSGT	7051	
	0	1	SSGT	7051	9954
ACTIVITY	1	27			
H&HS, MCAS Futenma, 63026					
USMC	1	0	CWO2	7002	
	0	2	GYSGT	7051	
	0	4	LCPL	7051	
	0	8	SGT	7051	
	0	1	SSGT	7051	9954
	0	4	SSGT	7051	
ACTIVITY	1	19			
H&HS, MCAS Iwakuni, 62613					
USMC	1	0	CWO3	7002	
	0	1	GYSGT	7051	
	0	10	LCPL	7051	
	0	3	SGT	7051	
	0	3	SSGT	7051	
ACTIVITY	1	17			
H&HS, MCAS Miramar, 31200					
USMC	1	0	CWO3	7002	
	0	13	CPL	7051	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	3	GYSGT	7051	
	0	18	LCPL	7051	
	0	1	MGYSGT	7051	
	0	1	MSGT	7051	
	0	8	SGT	7051	
	0	6	SSGT	7051	
ACTIVITY	1	50			
H&HS, MCAS Yuma, 62974					
USMC	1	0	CWO3	7002	
	0	12	CPL	7051	
	0	3	GYSGT	7051	
	0	26	LCPL	7051	
	0	1	MGYSGT	7051	
	0	14	SGT	7051	
	0	2	SSGT	7051	
	0	1	SSGT	7051	9954
ACTIVITY	1	59			
HQ MWSG, MCAS Okinawa, 57079					
USMC	1	0	CWO3	7002	
ACTIVITY	1	0			
HQ MWSG, MCAS Yuma, 46623					
USMC	1	0	CWO3	7002	
ACTIVITY	1	0			
MCAF Kaneohe Bay, 31947					
USMC	1	0	CWO3	7002	
	0	15	CPL	7051	
	0	4	GYSGT	7051	
	0	40	LCPL	7051	
	0	1	MSGT	7051	
	0	7	SGT	7051	
	0	6	SSGT	7051	
ACTIVITY	1	73			
MWSS 374, 29 Palms, 47790					
USMC	2	0	CWO2	7002	
	0	13	CPL	7051	
	0	1	GYSGT	7051	9954
	0	2	GYSGT	7051	
	0	26	LCPL	7051	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	MSGT	7051	
	0	9	SGT	7051	
	0	2	SSGT	7051	
ACTIVITY	2	54			
MWSS 471, JRB Fort Worth, 48085					
SMCR	2	0	CWO2	7002	
	0	10	CPL	7051	
	0	5	GYSGT	7051	
	0	28	LCPL	7051	
	0	1	MSGT	7051	
	0	8	SGT	7051	
	0	1	SSGT	7051	9954
ACTIVITY	2	53			
MWSS 473 Det B, NAS Whidbey Island, 67422					
SMCR	0	2	CPL	7051	
	0	5	LCPL	7051	
	0	2	SGT	7051	
	0	1	SSGT	7051	
ACTIVITY	0	10			
MWSS 473, MCAS Miramar, 67823					
SMCR	2	0	CWO2	7002	
	0	8	CPL	7051	
	0	4	GYSGT	7051	
	0	23	LCPL	7051	
	0	1	MSGT	7051	
	0	6	SGT	7051	
	0	1	SSGT	7051	9954
ACTIVITY	2	43			
Rotary Wing Support Squadron, MCAS Camp Pendleton, 31053					
USMC	1	0	CWO2	7002	
	0	13	CPL	7051	
	0	1	GYSGT	7051	9954
	0	2	GYSGT	7051	
	0	26	LCPL	7051	
	0	1	MSGT	7051	
	0	9	SGT	7051	
	0	2	SSGT	7051	
ACTIVITY	1	54			

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
Rotary Wing Support Squadron, MCAS Miramar, 46623					
USMC	1	0	CWO2	7002	
	0	13	CPL	7051	
	0	1	GYSGT	7051	9954
	0	2	GYSGT	7051	
	0	26	LCPL	7051	
	0	1	MSGT	7051	
	0	9	SGT	7051	
	0	2	SSGT	7051	
ACTIVITY	1	54			
Rotary Wing Support Squadron, MCAS Okinawa, 57079					
USMC	1	0	CWO2	7002	
	0	13	CPL	7051	
	0	1	GYSGT	7051	9954
	0	2	GYSGT	7051	
	0	26	LCPL	7051	
	0	1	MSGT	7051	
	0	9	SGT	7051	
	0	2	SSGT	7051	
ACTIVITY	1	54			
FLEET SUPPORT ACTIVITIES - NAVY					
ASU Baharain, 63001					
ACDU	0	1	ABH	7012	
ACTIVITY	0	1			
NAVMED Res Unit Cairo, 39664					
ACDU	0	1	ABH	7012	
ACTIVITY	0	1			
NAVSUPACT Naples, 42128					
ACDU	0	2	ABH	7012	
ACTIVITY	0	2			
Navy Support Office-Sardinia, Italy, 32960					
ACDU	0	1	ABH1	7011	
ACTIVITY	0	1			
NSO La Maddalina, 32960					
ACDU	0	1	ABH	7012	

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	0	1			
FLEET SUPPORT ACTIVITIES - USMC					
HQ MWSG 47, MCAS New Orleans, 67242					
SMCR	1	0	CWO3	7002	
ACTIVITY	1	0			
Marine Corps Headquarters, 00027					
USMC	1	0	CWO5	7002	9957
	1	0	CWO5	9957	7002
ACTIVITY	2	0			
NAVAIRSYSCOM 551, 00027					
USMC	1	0	CWO4	7002	
ACTIVITY	1	0			
Goodfellow AFB, 30921					
USMC	1	0	CWO3	7002	
ACTIVITY	1	0			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY OPERATIONAL ACTIVITIES - ACDU													
ABHC	7011		54		0		0		2		0		0
ABHC	7011	9502	2		0		0		0		0		0
ABH1	7011		45		0		0		0		0		0
ABH1	7011	9502	1		0		0		0		0		0
ABH1	7011	9597	1		0		0		0		0		0
ABH2	7011		90		0		0		3		0		0
ABH2	7011	9502	3		0		0		0		0		0
ABH2	7011	9516	1		0		0		0		0		0
ABH2	7011	9595	15		0		0		0		0		0
ABH2	2821	7011	2		0		0		0		0		0
ABH	7012		368		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - SELRES													
ABH2	7011		12		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
CWO2	7002		19		0		0		0		0		0
CWO3	7002		10		0		0		0		0		0
CWO4	7002		4		0		0		0		0		0
CPL	7051		183		0		0		0		0		0
GYSGT	7051	9954	6		0		0		0		0		0
GYSGT	7051		58		0		0		0		0		0
LCPL	7051		447		0		0		0		0		0
MGYSGT	7051		4		0		0		0		0		0
MSGT	7051		14		0		0		0		0		0
SGT	7051	9954	1		0		0		0		0		0
SGT	7051		151		0		0		0		0		0
SSGT	7051		44		0		0		0		0		0
SSGT	7051	9954	10		0		0		0		0		0
SSGT	7051		13		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR													
CWO2	7002		6		0		0		0		0		0
CWO4	7002		1		0		0		0		0		0
CPL	7051		46		0		0		0		0		0
GYSGT	7051	9954	2		0		0		0		0		0
GYSGT	7051		13		0		0		0		0		0
LCPL	7051		108		0		0		0		0		0
MSGT	7051		4		0		0		0		0		0
SGT	7051		34		0		0		0		0		0
SSGT	7051		4		0		0		0		0		0
SSGT	7051	9954	2		0		0		0		0		0
SSGT	7051		1		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
ABH1	7011		1		0		0		0		0		0
ABH	7012		5		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC													
CWO3	7002		1		0		0		0		0		0
CWO4	7002		1		0		0		0		0		0
CWO5	7002 9957		1		0		0		0		0		0
CWO5	9957 7002		1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
CWO3	7002		1		0		0		0		0		0
SUMMARY TOTALS:													
NAVY OPERATIONAL ACTIVITIES - ACDU													
			582		0		0		5		0		0
NAVY OPERATIONAL ACTIVITIES - SELRES													
			12		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
		33	931		0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - SMCR													
		7	214		0	0	0	0	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
			6		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC													
			4		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
			1		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GRAND TOTALS:													
NAVY - ACDU			588		0		0		5		0		0
NAVY - SELRES			12		0		0		0		0		0
USMC - USMC		37	931		0	0	0	0	0	0	0	0	0
USMC - SMCR		8	214		0	0	0	0	0	0	0	0	0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY OPERATIONAL ACTIVITIES - ACDU													
ABHC	7011		2	0	0	0	0	-2	0	0	0	0	0
ABH2	7011		3	0	0	0	0	-3	0	0	0	0	0
SUMMARY TOTALS:													
NAVY OPERATIONAL ACTIVITIES - ACDU													
			5	0	0	0	0	-5	0	0	0	0	0
GRAND TOTALS:													
NAVY - ACDU													
			5	0	0	0	0	-5	0	0	0	0	0

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

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

TRAINING ACTIVITY, LOCATION, UIC: Fleet Training Group, Mayport, Florida, 57072

INSTRUCTOR BILLETS

ACDU ABHC	7011	0	2	0	2	0	2	0	2	0	2	0	2
SELRES ABHC	7011	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: Fleet Training Group, Norfolk, Virginia, 47705

INSTRUCTOR BILLETS

ACDU ABHC	7011	0	5	0	5	0	5	0	5	0	5	0	5
SELRES ABHC	7011	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:		0	6	0	6	0	6	0	6	0	6	0	6

TRAINING ACTIVITY, LOCATION, UIC: Fleet Training Group, Sasebo, Japan, 49366

INSTRUCTOR BILLETS

ACDU ABH1	7011 9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:		0	1	0	1	0	1	0	1	0	1	0	1

TRAINING ACTIVITY, LOCATION, UIC: Fleet Training Group, Yokosuka, Japan, 57065

INSTRUCTOR BILLETS

ACDU ABH1	7011 9502	0	4	0	4	0	4	0	4	0	4	0	4
TOTAL:		0	4	0	4	0	4	0	4	0	4	0	4

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

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

TRAINING ACTIVITY, LOCATION, UIC: Naval Air Technical Training Command, NAS Pensacola, Florida, 63093

INSTRUCTOR BILLETS

ACDU														
ABHC	7011	9502	0	10	0	10	0	10	0	10	0	10	0	10
ABH1	7011	9502	0	20	0	20	0	20	0	20	0	20	0	20
TOTAL:			0	30	0	30	0	30	0	30	0	30	0	30

TRAINING ACTIVITY, LOCATION, UIC: Naval Technical Training Center, Goodfellow Air Force Base, 30921

INSTRUCTOR BILLETS

ACDU														
ABHC	7011	9502	0	1	0	1	0	1	0	1	0	1	0	1
ABH1	7011	9502	0	3	0	3	0	3	0	3	0	3	0	3
ABH2	7011	9502	0	7	0	7	0	7	0	7	0	7	0	7
USMC														
GYSGT	7051		0	4	0	4	0	4	0	4	0	4	0	4
SSGT	7051		0	20	0	20	0	20	0	20	0	20	0	20

SUPPORT BILLETS

USMC														
MGYSGT	7051		0	1	0	1	0	1	0	1	0	1	0	1
SGT	7051		0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:			0	37	0	37	0	37	0	37	0	37	0	37

TRAINING ACTIVITY, LOCATION, UIC: Undergraduate Pilot Training, NAS Meridian, Mississippi, 42105

INSTRUCTOR BILLETS

ACDU														
ABH1	7011		0	3	0	3	0	3	0	3	0	3	0	3
ABH2	7011		0	7	0	7	0	7	0	7	0	7	0	7
TOTAL:			0	10	0	10	0	10	0	10	0	10	0	10

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Naval Air Technical Training Command, NAS Pensacola, Florida, 63093													
	NAVY	0.3	19.6	0.3	19.6	0.3	19.6	0.3	19.6	0.3	19.6	0.3	19.6
Naval Technical Training Center, Goodfellow Air Force Base, 30921													
	USMC		66.0		66.5		65.5		66.0		66.5		65.5
	NAVY		27.1		27.1		27.1		27.1		27.1		27.1
SUMMARY TOTALS:													
	USMC		66.0		66.5		65.5		66.0		66.5		65.5
	NAVY	0.3	46.7	0.3	46.7	0.3	46.7	0.3	46.7	0.3	46.7	0.3	46.7
GRAND TOTALS:													
		0.3	112.7	0.3	113.2	0.3	112.2	0.3	112.7	0.3	113.2	0.3	112.2

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

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

Operational Billets ACDU and TAR

Limited Duty Officers with NOBC 6310 and Chief Warrant Officers with NOBC 7310 direct all phases of the Aircraft Rescue and Firefighting Program. Chargeable Student Billets depicted below were derived from the annual student throughput figures provided by NATTC Pensacola.

Chargeable Student Billets ACDU and TAR

1	0	1	0	1	0	1	0	1	0	1	0	1
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b. ENLISTED - USN

Operational Billets ACDU and TAR

ABHC	7011		54	0	52	0	52	0	52	0	52	0	52
ABHC	7011	9502	2	0	2	0	2	0	2	0	2	0	2
ABH1	7011		45	0	39	0	39	0	39	0	39	0	39
ABH1	7011	9502	1	0	1	0	1	0	1	0	1	0	1
ABH1	7011	9597	1	0	1	0	1	0	1	0	1	0	1
ABH2	7011		90	0	97	0	97	0	97	0	97	0	97
ABH2	7011	9502	3	0	3	0	3	0	3	0	3	0	3
ABH2	7011	9516	1	0	1	0	1	0	1	0	1	0	1
ABH2	7011	9595	15	0	16	0	16	0	16	0	16	0	16
ABH2	2821	7011	2	0	2	0	2	0	2	0	2	0	2
ABH	7012		368	0	368	0	368	0	368	0	368	0	368

Fleet Support Billets ACDU and TAR

ABH1	7011		1	0	1	0	1	0	1	0	1	0	1
ABH	7012		5	0	5	0	5	0	5	0	5	0	5

Staff Billets ACDU and TAR

ABHCS	7011	9502	2	0	2	0	2	0	2	0	2	0	2
ABHC	7011		2	0	2	0	2	0	2	0	2	0	2
ABHC	7011	9502	10	0	10	0	10	0	10	0	10	0	10
ABH1	7011		10	0	10	0	10	0	10	0	10	0	10
ABH1	7011	9502	30	0	30	0	30	0	30	0	30	0	30
ABH2	7011		7	0	7	0	7	0	7	0	7	0	7
ABH2	7011	9502	14	0	14	0	14	0	14	0	14	0	14

Chargeable Student Billets ACDU and TAR

47	0	47	0	47	0	47	0	47	0	47	0	47
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SELRES Billets

ABH2	7011		12	0	12	0	12	0	12	0	12	0	12
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TOTAL USN ENLISTED BILLETS:

Operational			582	0	582	0	582	0	582	0	582	0	582
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II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00		FY01		FY02		FY03		FY04	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
Fleet Support			6	0	6	0	6	0	6	0	6	0	6
Staff			75	0	75	0	75	0	75	0	75	0	75
Chargeable Student			47	0	47	0	47	0	47	0	47	0	47
SELRES			12	0	12	0	12	0	12	0	12	0	12

c. OFFICER - USMC

Operational Billets USMC and AR

CWO2	7002		19	0	19	0	19	0	19	0	19	0	19
CWO3	7002		10	0	10	0	10	0	10	0	10	0	10
CWO4	7002		4	0	4	0	4	0	4	0	4	0	4

Fleet Support Billets USMC and AR

CWO3	7002		1	0	1	0	1	0	1	0	1	0	1
CWO4	7002		1	0	1	0	1	0	1	0	1	0	1
CWO5	7002	9957	1	0	1	0	1	0	1	0	1	0	1
CWO5	9957	7002	1	0	1	0	1	0	1	0	1	0	1

SMCR Billets

CWO2	7002		6	0	6	0	6	0	6	0	6	0	6
CWO3	7002		1	0	1	0	1	0	1	0	1	0	1
CWO4	7002		1	0	1	0	1	0	1	0	1	0	1

TOTAL USMC OFFICER BILLETS:

Operational			33	0	33	0	33	0	33	0	33	0	33
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Fleet Support			4	0	4	0	4	0	4	0	4	0	4
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Chargeables Prior to assignment to MOS 7002, USMC officer personnel must have attained MOS 7051. See total chargeables for USMC personnel below.

SMCR			8	0	8	0	8	0	8	0	8	0	8
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d. ENLISTED - USMC

Operational Billets USMC and AR

CPL	7051		183	0	183	0	183	0	183	0	183	0	183
GYSGT	7051	9954	6	0	6	0	6	0	6	0	6	0	6
GYSGT	7051		58	0	58	0	58	0	58	0	58	0	58

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00		FY01		FY02		FY03		FY04	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
LCPL	7051		447	0	447	0	447	0	447	0	447	0	447
MGYSGT	7051		4	0	4	0	4	0	4	0	4	0	4
MSGT	7051		14	0	14	0	14	0	14	0	14	0	14
SGT	7051	9954	1	0	1	0	1	0	1	0	1	0	1
SGT	7051		151	0	151	0	151	0	151	0	151	0	151
SSGT	7051		44	0	44	0	44	0	44	0	44	0	44
SSGT	7051	9954	10	0	10	0	10	0	10	0	10	0	10
SSGT	7051		13	0	13	0	13	0	13	0	13	0	13
Staff Billets USMC and AR													
GYSGT	7051		4	0	4	0	4	0	4	0	4	0	4
MGYSGT	7051		1	0	1	0	1	0	1	0	1	0	1
SGT	7051		1	0	1	0	1	0	1	0	1	0	1
SSGT	7051		20	0	20	0	20	0	20	0	20	0	20
Chargeable Student Billets USMC and AR													
			66	+1	67	-1	66	0	66	+1	67	-1	66
SMCR Billets													
CPL	7051		46	0	46	0	46	0	46	0	46	0	46
GYSGT	7051	9954	2	0	2	0	2	0	2	0	2	0	2
GYSGT	7051		13	0	13	0	13	0	13	0	13	0	13
LCPL	7051		108	0	108	0	108	0	108	0	108	0	108
MSGT	7051		4	0	4	0	4	0	4	0	4	0	4
SGT	7051		34	0	34	0	34	0	34	0	34	0	34
SSGT	7051		4	0	4	0	4	0	4	0	4	0	4
SSGT	7051	9954	2	0	2	0	2	0	2	0	2	0	2
SSGT	7051		1	0	1	0	1	0	1	0	1	0	1
TOTAL USMC ENLISTED BILLETS:													
Operational			931	0	931	0	931	0	931	0	931	0	931
Staff			26	0	26	0	26	0	26	0	26	0	26
Chargeable Student			66	+1	67	-1	66	0	66	+1	67	-1	66
SMCR			214	0	214	0	214	0	214	0	214	0	214

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: C-780-2012, Aircraft Fire Fighting Shipboard Team Training
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION Navy: 10% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Naval Air Technical Training Command, NAS Pensacola, Florida												
	NAVY	ACDU	20	395	20	395	20	395	20	395	20	395
		SELRES		5		5		5		5		5
		TOTAL:	20	400	20	400	20	400	20	400	20	400

Note: Annual Training Input Requirements were provided by NATTC Pensacola.

CIN, COURSE TITLE: C-780-2013, Aviation Boatswain's Mate Aircraft Handling Advanced Class C1
COURSE LENGTH: 6.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION Navy: 10% **BACKOUT FACTOR:** 0.13

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Naval Air Technical Training Command, NAS Pensacola, Florida												
	NAVY	ACDU		118		118		118		118		118
		SELRES		2		2		2		2		2
		TOTAL:		120		120		120		120		120

Note: Annual Training Input Requirements were provided by NATTC Pensacola.

CIN, COURSE TITLE: X3ABR3E731-006, Fire Protection Apprentice (Shore Based)
COURSE LENGTH: 13.2 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION Navy: 10% **BACKOUT FACTOR:** 0.26

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Naval Technical Training Center, Goodfellow Air Force Base												
	NAVY	ACDU		110		110		110		110		110
		TOTAL:		110		110		110		110		110

Note: Annual Training Input Requirements were provided by NTTC Goodfellow AFB.

CIN, COURSE TITLE: X3ABR3E731-008, Fire Protection Apprentice Course
COURSE LENGTH: 13.2 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION Navy: 0% **BACKOUT FACTOR:** 0.26

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00		FY01		FY02		FY03		FY04	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Naval Technical Training Center, Goodfellow Air Force Base												
	USMC	USMC		264		260		262		264		260
	SMCR			19		19		19		19		19
		TOTAL:		283		279		281		283		279

Note: Annual Training Input Requirements were provided by NTTC Goodfellow AFB.

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the Aircraft Rescue and Firefighting Training Program 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: C-780-2012, Aircraft Fire Fighting Shipboard Team Training
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC: NAS Pensacola, Florida, 63093

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
20	395	20	395	20	395	20	395	20	395	ATIR
20	395	20	395	20	395	20	395	20	395	Output
0.3	5.4	0.3	5.4	0.3	5.4	0.3	5.4	0.3	5.4	AOB
0.3	5.4	0.3	5.4	0.3	5.4	0.3	5.4	0.3	5.4	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	5		5		5		5		5	ATIR
	5		5		5		5		5	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: C-780-2013, Aviation Boatswain's Mate Aircraft Handling Advanced Class C1
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC: NAS Pensacola, Florida, 63093

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	118		118		118		118		118	ATIR
	118		118		118		118		118	Output
	14.2		14.2		14.2		14.2		14.2	AOB
	14.2		14.2		14.2		14.2		14.2	Chargeable

SOURCE: NAVY **STUDENT CATEGORY:** SELRES

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: X3ABR3E731-006, Fire Protection Apprentice (Shore Based)

TRAINING ACTIVITY: Naval Technical Training Center

LOCATION, UIC: Goodfellow Air Force Base, 30921

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	114		114		114		114		114	ATIR
	114		114		114		114		114	Output
	28.7		28.7		28.7		28.7		28.7	AOB
	28.7		28.7		28.7		28.7		28.7	Chargeable

CIN, COURSE TITLE: X3ABR3E731-008, Fire Protection Apprentice Course

TRAINING ACTIVITY: Naval Technical Training Center

LOCATION, UIC: Goodfellow Air Force Base, 30921

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

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	264		260		262		264		260	ATIR
	264		260		262		264		260	Output
	66.5		65.5		52.2		66.5		65.5	AOB
	66.5		65.5		66.0		66.5		65.5	Chargeable

SOURCE: USMC **STUDENT CATEGORY:** SMCR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	19		19		19		19		19	ATIR
	19		19		19		19		19	Output
	4.8		4.8		4.8		4.8		4.8	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 Aircraft Rescue and Firefighting Training Program and, therefore, are not included in Part IV of this NTSP:

IV.B.1. Training Services

IV.C. Facility Requirements

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

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

IV.C.3. Facility Project Summary by Program

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

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

CIN, COURSE TITLE: C-780-2012, Aircraft Fire Fighting Shipboard Team Training

TRAINING ACTIVITY: Naval Air Technical Training Command

LOCATION, UIC: NAS Pensacola, Florida, 63093

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	P-16 Mobile Firefighting Vehicle with associated equipment	2	Jan 97	GFE	Onboard
002	SB TAU (H-2) Twin Agent Unit (shipboard model)	2	Jan 97	GFE	Onboard
003	A/S 32A-31A (MD-3) Aircraft Tow Tractor	1	Jan 97	GFE	Onboard
004	A/S 32A-36 Carrier Amphibious Crash Crane	1	Jan 97	GFE	Onboard
005	A/S 32A-35 CV Crash Crane	1	Jan 97	GFE	Onboard
006	AH-1T Helicopter (without engines)	1	Jan 97	GFE	Delayed
007	SH-60 Helicopter (without engines)	1	Jan 97	GFE	Delayed
008	SH-3G Helicopter (without engines)	1	Jan 97	GFE	Onboard
009	CH-53E Helicopter (without engines)	1	Jan 97	GFE	Onboard
010	CH-46 Helicopter (without engines)	1	Jan 97	GFE	Delayed
011	AV-8B Aircraft (without engines)	1	Jan 97	GFE	Onboard
012	F-14 Aircraft (without engines)	1	Jan 97	GFE	Onboard
013	F/A-18 Aircraft (without engines)	1	Jan 97	GFE	Delayed
014	S-3 Aircraft (without engines)	1	Jan 97	GFE	Delayed
015	T-45 Aircraft (without engines)	1	Jan 97	GFE	Delayed
016	EA-6B Aircraft (without engines)	1	Jan 97	GFE	Delayed
017	UH-1N Helicopter (without engines)	1	Jan 97	GFE	Delayed
018	E-2 Aircraft (without engines)	1	Jan 97	GFE	Onboard
019	Naval Aircrew Ejection Seat (NACES)	1	Jan 97	GFE	Delayed

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

020	P-25 Mobile Firefighting Vehicle	2	Jan 99	GFE	Delayed
021	Tailhook Dolly	3	Jan 97	GFE	Onboard
022	Flat 3200 lb. Crash Dolly Adapter	2	Jan 97	GFE	Onboard
023	Concave Crash Dolly Adapter	1	Jan 97	GFE	Onboard
024	A/S 32P-10 Forcible Entry Truck	1	Jan 97	GFE	Onboard
025	NF-20 Crash Forklift	2	Jan 97	GFE	Onboard
026	NS-60 Aircraft Sling	2	Jan 97	GFE	Onboard
027	E-2C Aircraft Sling	2	Jan 97	GFE	Onboard
028	H-60 Helicopter Sling	1	Jan 97	GFE	Onboard
029	H-46 Helicopter Sling	1	Jan 97	GFE	Onboard
030	EA-6B Aircraft Sling	1	Jan 97	GFE	Onboard
031	AV-8B Aircraft Sling	1	Jan 97	GFE	Onboard
032	F-14 Aircraft Sling	2	Jan 97	GFE	Onboard
033	F/A-18 Aircraft Sling	2	Jan 97	GFE	Onboard
034	S-3 Aircraft Sling	1	Jan 97	GFE	Onboard

CIN, COURSE TITLE: C-780-2013, Aviation Boatswains Mate Aircraft Handling Advanced Class C1

TRAINING ACTIVITY: Naval Air Technical Training Command

LOCATION, UIC: NAS Pensacola, Florida, 63093

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	P-16 Mobile Firefighting Vehicle with associated equipment	2	Jan 97	GFE	Onboard
002	SB TAU (H-2) Twin Agent Unit (shipboard model)	2	Jan 97	GFE	Onboard
003	A/S 32A-31A (MD-3) Aircraft Tow Tractor	1	Jan 97	GFE	Onboard
004	A/S 32A-36 Carrier Amphibious Crash Crane	1	Jan 97	GFE	Onboard
005	A/S 32A-35 CV Crash Crane	1	Jan 97	GFE	Onboard
006	AH-1T Helicopter (without engines)	1	Jan 97	GFE	Delayed

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

007	SH-60 Helicopter (without engines)	1	Jan 97	GFE	Delayed
008	SH-3G Helicopter (without engines)	1	Jan 97	GFE	Onboard
009	CH-53E Helicopter (without engines)	1	Jan 97	GFE	Onboard
010	CH-46 Helicopter (without engines)	1	Jan 97	GFE	Delayed
011	AV-8B Aircraft (without engines)	1	Jan 97	GFE	Onboard
012	F-14 Aircraft (without engines)	1	Jan 97	GFE	Onboard
013	F/A-18 Aircraft (without engines)	1	Jan 97	GFE	Delayed
014	S-3 Aircraft (without engines)	1	Jan 97	GFE	Delayed
015	T-45 Aircraft (without engines)	1	Jan 97	GFE	Delayed
016	EA-6B Aircraft (without engines)	1	Jan 97	GFE	Delayed
017	UH-1N Helicopter (without engines)	1	Jan 97	GFE	Delayed
018	E-2 Aircraft (without engines)	1	Jan 97	GFE	Onboard
019	Naval Aircrew Ejection Seat (NACES)	1	Jan 97	GFE	Delayed
020	P-25 Mobile Firefighting Vehicle	2	Jan 99	GFE	Delayed
021	Tailhook Dolly	3	Jan 97	GFE	Onboard
022	Flat 3200 lb. Crash Dolly Adapter	2	Jan 97	GFE	Onboard
023	Concave Crash Dolly Adapter	1	Jan 97	GFE	Onboard
024	A/S 32P-10 Forcible Entry Truck	1	Jan 97	GFE	Onboard
025	NF-20 Crash Forklift	2	Jan 97	GFE	Onboard
026	NS-60 Aircraft Sling	2	Jan 97	GFE	Onboard
027	E-2C Aircraft Sling	2	Jan 97	GFE	Onboard
028	H-60 Helicopter Sling	1	Jan 97	GFE	Onboard
029	H-46 Helicopter Sling	1	Jan 97	GFE	Onboard
030	EA-6B Aircraft Sling	1	Jan 97	GFE	Onboard
031	AV-8B Aircraft Sling	1	Jan 97	GFE	Onboard

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

032	F-14 Aircraft Sling	2	Jan 97	GFE	Onboard
033	F/A-18 Aircraft Sling	2	Jan 97	GFE	Onboard
034	S-3 Aircraft Sling	1	Jan 97	GFE	Onboard

CIN, COURSE TITLE: C-822-2010, Aviation Boatswain's Mate Aircraft Handling ABH Class A1 School
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC: NAS Pensacola, Florida, 63093

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	P-16 Mobile Firefighting Vehicle with associated equipment	2	Jan 97	GFE	Onboard
002	SB TAU (H-2) Twin Agent Unit (shipboard model)	2	Jan 97	GFE	Onboard
003	A/S 32A-31A (MD-3) Aircraft Tow Tractor	1	Jan 97	GFE	Onboard
004	A/S 32A-36 Carrier Amphibious Crash Crane	1	Jan 97	GFE	Onboard
005	A/S 32A-35 CV Crash Crane	1	Jan 97	GFE	Onboard
006	AH-1T Helicopter (without engines)	1	Jan 97	GFE	Delayed
007	SH-60 Helicopter (without engines)	1	Jan 97	GFE	Delayed
008	SH-3G Helicopter (without engines)	1	Jan 97	GFE	Onboard
009	CH-53E Helicopter (without engines)	1	Jan 97	GFE	Delayed
010	CH-46 Helicopter (without engines)	1	Jan 97	GFE	Delayed
011	AV-8B Aircraft (without engines)	1	Jan 97	GFE	Onboard
012	F-14 Aircraft (without engines)	1	Jan 97	GFE	Onboard
013	F/A-18 Aircraft (without engines)	1	Jan 97	GFE	Delayed
014	S-3 Aircraft (without engines)	1	Jan 97	GFE	Delayed
015	T-45 Aircraft (without engines)	1	Jan 97	GFE	Delayed
016	EA-6B Aircraft (without engines)	1	Jan 97	GFE	Delayed
017	UH-1N Helicopter (without engines)	1	Jan 97	GFE	Delayed
018	E-2 Aircraft (without engines)	1	Jan 97	GFE	Onboard

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

019	Naval Aircrew Ejection Seat (NACES)	1	Jan 97	GFE	Delayed
020	P-25 Mobile Firefighting Vehicle	2	Jan 99	GFE	Delayed
021	Tailhook Dolly	3	Jan 97	GFE	Onboard
022	Flat 3200 lb. Crash Dolly Adapter	2	Jan 97	GFE	Onboard
023	Concave Crash Dolly Adapter	1	Jan 97	GFE	Onboard
024	A/S 32P-10 Forcible Entry Truck	1	Jan 97	GFE	Onboard
025	NF-20 Crash Forklift	2	Jan 97	GFE	Onboard
026	NS-60 Aircraft Sling	2	Jan 97	GFE	Onboard
027	E-2C Aircraft Sling	2	Jan 97	GFE	Onboard
028	H-60 Helicopter Sling	1	Jan 97	GFE	Onboard
029	H-46 Helicopter Sling	1	Jan 97	GFE	Onboard
030	EA-6B Aircraft Sling	1	Jan 97	GFE	Onboard
031	AV-8B Aircraft Sling	1	Jan 97	GFE	Onboard
032	F-14 Aircraft Sling	2	Jan 97	GFE	Onboard
033	F/A-18 Aircraft Sling	2	Jan 97	GFE	Onboard
034	S-3 Aircraft Sling	1	Jan 97	GFE	Onboard

All other training equipment is in place, as part of the approved course training project plans. The above list includes essential training items that are high cost or hard to acquire. These are shared assets between the courses.

IV.A.2. TRAINING DEVICES

DEVICE: Aircraft Debris Pile Mock-up
DESCRIPTION: The Aircraft Debris Pile Mock-up simulates an aircraft accident (conflagration) that exposes the aircraft firefighter to a most difficult to extinguish fire with the expected hazards that may be encountered.
MANUFACTURER: Hughes and Associates
CONTRACT NUMBER: NA
TEE STATUS: NA
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC : NAS Pensacola, Florida, 63093

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE		SUPPORTED
1	Jan 97	Jan 97	Onboard	C-780-2012 C-780-2013 C-822-2010

DEVICE: Aircraft Engine Mock-up
DESCRIPTION: The Aircraft Engine Mock-up simulates an aircraft engine fire that exposes the aircraft firefighter to a difficult to extinguish fire with the expected hazards that may be encountered.
MANUFACTURER: Hughes and Associates
CONTRACT NUMBER: NA
TEE STATUS: NA
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC : NAS Pensacola, Florida, 63093

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE		SUPPORTED
1	Jan 97	Jan 97	Onboard	C-780-2012 C-780-2013 C-822-2010

IV.A.2. TRAINING DEVICES

DEVICE: Cascade Fuel Fire Mock-up
DESCRIPTION: The Cascade Fuel Fire Mock-up simulates a cascading fuel fire that exposes the aircraft firefighter to a difficult to extinguish fire with the expected hazards that may be encountered.
MANUFACTURER: Hughes and Associates
CONTRACT NUMBER: NA
TEE STATUS: NA
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC : NAS Pensacola, Florida, 63093

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	DATE	SUPPORTED
1	Jan 97	Jan 97	Onboard	C-780-2012 C-780-2013 C-822-2010

DEVICE: Fixed Wing Aircraft Mock-up
DESCRIPTION: The Fixed Wing Aircraft Mock-up simulates a fixed wing type aircraft fire that exposes the aircraft firefighter to a difficult to extinguish fire with the expected hazards that may be encountered.
MANUFACTURER: Hughes and Associates
CONTRACT NUMBER: NA
TEE STATUS: NA
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC : NAS Pensacola, Florida, 63093

QTY	DATE	RFT	STATUS	COURSES
REQD	REQD	DATE	DATE	SUPPORTED
1	Jan 97	Jan 97	Onboard	C-780-2012 C-780-2013 C-822-2010

All training devices and equipment required for the DoD firefighting academy at Goodfellow AFB are in place.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-780-2012, Aircraft Fire Fighting Shipboard Team Training

TRAINING ACTIVITY: Naval Air Technical Training Command

LOCATION, UIC: NAS Pensacola, Florida, 63093

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
19 Inch Color Monitor	1	Jan 97	Onboard
3 Course Outlines	1 set	Jan 97	Onboard
3 Instructor Lesson Guides	1 set	Jan 97	Onboard
50 Student Lesson Guides	1 set	Jan 97	Onboard
Overhead Still Pictures	1 set	Jan 97	Onboard
Projection Screen	1	Jan 97	Onboard
Slide Projector	1	Jan 97	Onboard
Television Camera	1	Jan 97	Onboard
Video Cassette Recorder	1	Jan 97	Onboard

CIN, COURSE TITLE: C-780-2013, Aviation Boatswain's Mate Aircraft Handling Advanced Class C1

TRAINING ACTIVITY: Naval Air Technical Training Command

LOCATION, UIC: NAS Pensacola, Florida, 63093

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
19 Inch Color Monitor	1	Jan 97	Onboard
3 Course Outlines	1 set	Jan 97	Onboard
3 Course Outlines	1 set	Oct 99	Onboard
3 Instructor Lesson Guides	1 set	Jan 97	Onboard
3 Instructor Lesson Guides	1 set	Oct 99	Onboard
50 Student Lesson Guides	1 set	Oct 99	Onboard
50 Student Lesson Guides	1 set	Jan 97	Onboard
Overhead Still Pictures	1 set	Oct 99	Onboard
Overhead Still Pictures	1 set	Jan 97	Onboard
Projection Screen	1	Jan 97	Onboard
Slide Projector	1	Jan 97	Onboard
Television Camera	1	Jan 97	Onboard
Video Cassette Recorder	1	Jan 97	Onboard

All required training materials and training aids are in place at Goodfellow AFB.

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-780-2012, Aircraft Fire Fighting Shipboard Team Training
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC : NAS Pensacola, Florida, 63093

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 00-80R-14 NATOPS U.S. Navy Firefighting and Rescue Manual	Hard copy	10	Jan 97	Onboard
NA 00-80R-14-1 NATOPS U.S. Navy Aircraft Emergency Rescue Information Manual	Hard copy	10	Jan 97	Onboard
NA 00-80R-19 NATOPS U.S. Navy Aircraft Crash and Salvage Operations Manual (Afloat)	Hard copy	10	Jan 97	Onboard
NA 00-80R-20 NATOPS U.S. Navy Aircraft Crash and Salvage Operations Manual (Ashore)	Hard copy	10	Jan 97	Onboard

CIN, COURSE TITLE: C-780-2013, Aviation Boatswains Mate Aircraft Handling Advanced Class C1
TRAINING ACTIVITY: Naval Air Technical Training Command
LOCATION, UIC : NAS Pensacola, Florida, 63093

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 00-80R-14 NATOPS U.S. Navy Firefighting and Rescue Manual	Hard copy	10	Jan 97	Onboard
NA 00-80R-14-1 NATOPS U.S. Navy Aircraft Emergency Rescue Information Manual	Hard copy	10	Jan 97	Onboard
NA 00-80R-19 NATOPS U.S. Navy Aircraft Crash and Salvage Operations Manual (Afloat)	Hard copy	10	Jan 97	Onboard
NA 00-80R-20 NATOPS U.S. Navy Aircraft Crash and Salvage Operations Manual (Ashore)	Hard copy	10	Jan 97	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Approved NTSP	Jan 95	Completed
TSA	Updated NTSP	Jun 96	Completed
TA	Moved Aviation Boatswain's Mate Firefighting School to Pensacola	Sep 96	Completed
TA	Began Firefighting Training at Pensacola (RFT)	Jan 97	Completed
TSA	Distributed Draft NTSP for review	Jan 97	Completed
CNO	Reviewed maintenance training requirements for AB rating	Mar 97	Completed
TSA	Incorporated fleet comments and changes into NTSP	Sep 97	Completed
CNO	Approved Aircraft Firefighting NTSP	Feb 98	Completed
TSA	Began Initial Training for Shore Based Firefighter Instructors (Goodfellow AFB)	Jun 98	Completed
TA	Began Follow-on Training for Shore Based Firefighter	Oct 98	Completed
TSA	Began Follow-on Navy Firefighter Training at Goodfellow AFB	Oct 98	Completed
TSA	Commenced Follow-on Training for the revised ABH Advanced Training, Afloat	Oct 98	Completed
TSA	Distributed Draft NTSP for review	Apr 00	Completed
TSA	Incorporate fleet review comments into NTSP	Jul 00	Pending
CNO	Approve Aircraft Firefighting NTSP	Sep 00	Pending

PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND	DUE DATE	STATUS
Currently, there are no NEC 7012 billets in the fleet. However, training for NEC 7012 is currently on-line at Goodfellow AFB.	TYCOMs		Overdue
A requirement exists at NATTC Pensacola for the following aircraft and helicopters (without engines): AH-1T SH-60 CH-46 F/A-18 S-3 T-45 EA-6B UH-1N	TYCOMs		Overdue

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