

APPROVED

NAVY TRAINING SYSTEM PLAN

FOR THE

AVIATION ORDNANCE OFFICER

CAREER PROGRESSION TRAINING

N88-NTSP-A-50-8823B/A

JUNE 1998

AVIATION ORDNANCE OFFICER
CAREER PROGRESSION TRAINING
EXECUTIVE SUMMARY

This Navy Training System Plan (NTSP) was developed by the Naval Air Systems Command (NAVAIRSYSCOM) per the Navy Training Requirements Documentation Manual. This NTSP is intended for use as a planning document and provides summaries of manpower and training requirements. It will also help in determining programming for out-year personnel. This NTSP consolidates the technical elements of Aviation Ordnance Officer Career Progression Training and serves as the Navy's official statement for manpower, personnel, and training requirements. There is no Acquisition Category associated with this program.

The Aviation Ordnance Officer Training Plan integrates existing officer training with Aviation Ordnance Officer Career Progression. Cumulatively, these courses create a path which begins immediately following accession training and culminates in specialized preparation for increased levels of responsibility and authority associated with Aviation Ordnance Management. This training is also available to Navy senior enlisted Ordnancemen E-7 to E-9, and Marine Corps Aviation Ordnance E-8 and E-9 personnel, and is available to civilian personnel assigned to equivalent billets.

**AVIATION ORDNANCE OFFICER
CAREER PROGRESSION TRAINING**

TABLE OF CONTENTS

	Page
Executive Summary.....	i
List of Acronyms.....	iii
Preface.....	v
 PART I - TECHNICAL PROGRAM DATA	
A. Title-Nomenclature-Program.....	I-1
B. Security Classification.....	I-1
C. Manpower, Personnel, and Training Principals.....	I-1
D. System Description.....	I-2
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-3
I. On-Board (In-Service) Training.....	I-15
J. Logistics Support.....	I-15
K. Schedules.....	I-15
L. Government Furnished Equipment and Contractor Furnished Equipment Training Requirements.....	I-15
M. Related NTSPs and Other Applicable Documents.....	I-15
 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
 PART VI - DECISION ITEMS/ACTION REQUIRED.....	 VI-1
 PART VII - POINTS OF CONTACT.....	 VII-1

**AVIATION ORDNANCE OFFICER
CAREER PROGRESSION TRAINING**

LIST OF ACRONYMS

AIMD	Aircraft Intermediate Maintenance Department
AMMOLANT/PAC	Ammunition Material Management Office Atlantic/Pacific
AO	Aviation Ordnanceman
AOE	Fast Combat Support Ship
AOO	Aviation Ordnance Officer
AOOCP	Aviation Ordnance Officer Career Progression
BUPERS	Bureau of Naval Personnel
CIN	Course Identification Number
CMC	Commandant Marine Corps
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
CO	Commanding Officer
CV	Aircraft Carrier
CVN	Aircraft Carrier (Nuclear)
CVW	Carrier Air Wing
CWO	Chief Warrant Officer
EOD	Explosive Ordnance Disposal
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Readiness Squadron
GM	Gunner's Mate
HMLA	Marine Light Attack Helicopter Squadron
LDO	Limited Duty Officer
LHA	Amphibious Assault Ship (General Purpose)
LHD	Amphibious Assault Ship (Multi-Purpose)
MALS	Marine Aviation Logistics Squadron
MARCORSYSCOM	Marine Corps Systems Command
MAW	Marine Aircraft Wing
MCAS	Marine Corps Air Station
MOS	Military Occupational Specialty

**AVIATION ORDNANCE OFFICER
CAREER PROGRESSION TRAINING**

LIST OF ACRONYMS

NA	Not Applicable
NAS	Naval Air Station
NAVAIRSYSCOM	Naval Air Systems Command
NAVAVSCOLSCOM	Naval Aviation Schools Command
NAVORDCEN	Naval Ordnance Center
NAWMU	Naval Airborne Weapons Maintenance Unit
NEC	Navy Enlisted Classification
NOBC	Navy Officer Billet Code
NTSP	Navy Training System Plan
OHO	Ordnance Handling Officer
OHSAT	Ordnance Handling Safety and Assistance Team
OPNAV	Office of the Chief of Naval Operations
OPO	OPNAV Principal Official
PMA	Program Manager, Air
RFT	Ready For Training
TD	Training Device
TTE	Technical Training Equipment
TYCOM	Type Commander
USMC	United States Marine Corps
USN	United States Navy
VC	Fleet Composite Squadron
VF	Fighter Squadron
VFA	Fighter Attack Squadron
VMA	Marine Fighter Attack Squadron
VMFA	Marine All Weather Attack Squadron
VS	Anti-submarine Warfare Squadron
VX	Fleet Test and Evaluation Squadron
WO	Warrant Officer
WSAT	Weapons Safety Assistance Team
XO	Executive Officer

**AVIATION ORDNANCE OFFICER
CAREER PROGRESSION TRAINING**

PREFACE

This Approved Navy Training System Plan (NTSP) for the Aviation Ordnance Officer Career Progression (AOOCP) Training is an update of the Draft Navy Training Plan dated August 1995. This document has been updated from comments supplied by Naval Air Systems Command (NAVAIRSYSCOM) Program Manager, Air (PMA)205 and the Chief of Naval Operations (CNO) (N881 and N889), and the fleet.

PART I: This part shows the deletion of support billets for AOOCP.

PART II: This part has been recalculated to show the correct student throughput and chargeable student billets in all three levels of AOOCP. The support billets have been deleted and shows the change in instructor manning levels.

PART III: In addition to reflecting the changes mentioned above, this part has been recalculated to depict chargeable student billets through Fiscal Year 01.

PART IV: No major changes.

PART V: No major changes.

PART VI: No major changes.

PART VII: This part has been updated to reflect current Points of Contacts.

PART I - TECHNICAL PROGRAM DATA

A. TITLE-NOMENCLATURE-PROGRAM

1. Title-Nomenclature-Acronym. Aviation Ordnance Officer Career Progression (AOOCP) Training.

2. Program Element. 0304221N, 070817N

B. SECURITY CLASSIFICATION

1. System Characteristics Not Applicable (NA).

2. Capabilities NA.

3. Functions..... NA.

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor..... CNO (N881C)

OPO Resource Sponsor CNO (N889H)

Marine Corps Program Sponsor..... CMC (ASL-30)

Developing Agency..... NAVAIRSYSCOM (PMA205)

Training Agency CNET

Training Support Agency NAVAIRSYSCOM (PMA205)

Manpower and Personnel Mission Sponsor OPNAV (N889J)

Director of Naval Training CNO (N7)

Chief of Naval Personnel..... BUPERS (PERS-4)

Marine Corps Combat Development Command

Manpower Management TFS Division

D. SYSTEM DESCRIPTION

1. Operational Uses. The purpose of AOOCP Training is to raise the competency level of officers filling ordnance management billets ashore and afloat, decrease the time from initial designation to peak productivity, and prepare Aviation Ordnance Officers (AOOs) for positions of increased authority and responsibility.

2. Foreign Military Sales. NA.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. NA.

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

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. AOOCP is designed to provide career progression training for AOOs. This starts immediately following accession and culminates with specialized preparation for the increased levels of authority and responsibility associated with career progression. Training required for these career paths is divided along functional lines into three basic groupings as illustrated in Figure I-1. This training is also available to senior enlisted United States Navy (USN) Ordnance E-7 to E-9, and United States Marine Corps (USMC) Aviation Ordnance E-8 and E-9 personnel, and is available to civilian personnel who are assigned to equivalent billets. The program integrates existing and proposed training to establish a career path.

FIGURE I-1: AOOCP TRAINING		
LEVEL TRAINING	TOUR	BILLET
Level I	First	Branch/Division Level Ordnance Officer, Magazine Officer, Aircraft Armament Equipment Officer, Ammunition Material Officer at Ammunition Material Management Office Atlantic/Pacific (AMMOLANT/PAC) and Executive Officer (XO) Naval Airborne Weapons Maintenance Unit (NAWMU), and Explosive Safety Officer.
Level II	Second or Third	Department Level Ordnance Officer, Station Weapons Officer, Marine Aviation Logistics Squadron (MALS)/Carrier Air Wing (CVW) Ordnance Officer, Ordnance Handling Officer, Ammunition Material Officer at AMMOLANT/PAC, and Assistant Program Assessor at Naval Ordnance Center (NAVORDCEN) and Explosive Safety Officer.

FIGURE I-1: AOOCP TRAINING (Cont.)		
Level III	Fourth or Fifth	Department Level Weapons Officer, Weapons Officer at the Naval Safety Center, Commanding Officer NAWMU, Marine Aircraft Wing Ordnance Officer, Director Program Assessment at NAVORDCEN, and Program Assessor at NAVORDCEN, Aviation Ordnance Officer on Major Staff of an Operational Force or Shore Establishment, and Explosive Safety Officer.

2. Physical Description. NA.

3. New Development Introduction. NA.

4. Significant Interfaces. The interface or impact on other systems is limited to the interaction between the AOOs, Surface Ordnance Officers, Aviation Maintenance Officers, Logistics Officers, Supply Officers, and Explosive Disposal Officers.

5. New Features, Configurations, or Material. NA.

H. CONCEPTS

1. Operational Concept. NA.

2. Maintenance Concept. NA.

3. Manning Concept. This NTSP does not impact the number of approved or projected billets in operational Navy units. Increases in officer manpower associated with AOOCP Training is limited to the manpower required for the instructor billets for AOO courses at Naval Aviation Schools Command (NAVAVSCOLSCOM), Naval Air Station (NAS) Pensacola, Florida. Table I-1 is a summary of instructor and support billets by Navy Officer Billet Classification (NOBC) and USMC Military Occupational Specialty (MOS), and the civilian/contractor instructor requirements.

TABLE I-1: AOOCP INSTRUCTOR/SUPPORT BILLETS							
NOBC/MOS	O-4	O-3E	O-2E	O-1E	CWO5	CWO4	TOTAL
NOBC 636X		1					1
NOBC 736X						1	1
MOS 6502	1				1		2
TOTAL OFFICER							4

TABLE I-1: AOOCP INSTRUCTOR/SUPPORT BILLETS (Cont.)							
ENLISTED NEC/MOS	E-9	E-8	E-7	E-6	E-5		TOTAL
AOCP/9502	1						1
6591 (USMC)		1					1
6531 (USMC)				1			1
TOTAL ENLISTED SUPPORT							3
CIVILIAN / CONTRACTOR	1						1
TOTAL CIVILIAN							1

A civilian/contractor billet is required to achieve and maintain continuity in support of AOOCP Training. A desired skill level is necessary to set the proper foundation in a training environment that has continuous rotation of military instructors. A billet is required to perform quality management of diverse subject matter. The civilian/contractor will enhance the AOOCP training capabilities in maintaining its edge in responsiveness to the training needs of the fleet. The civilian/contractor reviews training objectives and takes technical action on deficient areas identified by the Maintenance Training Requirement Review and training effectiveness evaluations. Civilian/contractor support must have Naval Aviation Ordnance experience with prior Naval Service in the enlisted and/or officer capacities. This billet, as described, will ensure continuity, expertise, and manpower required during periods of AOOCP cadre transition.

4. Training Concept. AOOCP Training is intended to build incrementally on previously acquired skills and provide a graduated educational and professional career development path for Aviation Ordnance Officers, including Navy Aviation Ordnance Limited Duty Officers (LDOs) and Chief Warrant Officers (CWOs) with NOBCs 636X and 736X, USMC officers and Warrant Officers (WOs) with MOS 6502 and USMC enlisted E-8 and E-9 personnel with MOS 6591.

This training will be provided on a quota available basis to senior enlisted USN E-7, E-8, and E-9 Ordnance personnel and USMC E-8 and E-9 Aviation Ordnance personnel with MOSs 2311 and 2336. Training is also provided on a quota available basis for Navy Surface Officers with NOBCs 716X, 616X, 648X, 748X; USMC officers with MOSs 2102 and 2340, USMC Explosive Ordnance Disposal (EOD) Officers with MOS 2305, Navy Surface Ordnance Unrestricted Line Officers with NOBC 1140, and USN EOD enlisted personnel with Navy Enlisted Classifications (NECs) 5336 and 5337.

AOOCP Training begins immediately after officer training with Level I Aviation Ordnance Officer training, and the Naval Aviation Maintenance Program Management Course (Q-4D-2011)

followed by the first tour of duty. Upon completion of their first tour, AOOs should attend Level II training enroute to their second/third tour assignment. Level III progressive training should be completed before commencement of the fourth/fifth tour. The training should be provided during Permanent Change of Station as quotas are available and in accordance with standard officer personnel distribution policies. The NAVAVSCOLSCOM is the sole source for quota control. All quota requests must be submitted through NAVAVSCOLSCOM to ensure course availability.

Typical AOO career paths are defined and illustrated in Figures I-2 through I-5. The billets shown are representative of billets to which AOOs may be assigned. Assignment or lack of assignment to one or more of these billets does not ensure promotion or failure to be promoted.

FIGURE I-2: USN AVIATION ORDNANCE LDO NOBC (636X) CAREER PROGRESSION			
YEARS IN COMMISSION	RANK	SEA TOUR	SHORE TOUR
0-4	LTJG ENS	Aircraft Carrier (CV). Aircraft Carrier (Nuclear) (CVN). Warfare System Engineer /Weapons Elevator G-4 Divisions. Anti-submarine Warfare (VS), Fighter (VF) and Fighter Attack (VFA) Squadron Ordnance.	Type Wing Staff Ordnance Officer. NAS Weapons Division Officer.
4-10	LT	CV/CVN Marine Air Group/G-3 Division. CVW/Air Wing Ordnance. Commander, Naval Air Force, U.S. Pacific Fleet. Weapons Safety Assistance Team (WSAT).	AOOCP Instructor. NAS Weapons Officer. Aviation Ordnance (AVORD) Organizational Level Maintenance. Type Wing Staff Ordnance/Weapons. NAVAIRSYSCOM. NAVORDCEN. AMMOLANT/PAC. Fleet Aviation Specialized Operational Group, Atlantic/Pacific Mobile Ordnance Training Team.
10-16	LCDR	CV/CVN Ordnance Handling Officer (OHO). NAWMU-Commanding Officer (CO).	AOOCP School Department Head. NAS Weapons Officer. Type Commander

FIGURE I-2: USN AVIATION ORDNANCE LDO NOBC (636X) CAREER PROGRESSION			
			(TYCOM)/WSAT/ Ordnance Handling Safety and Assistance Team (OHSAT) Type Wing Staff Ordnance Officer. NAVAIRSYSCOM Fleet Liaison. NAVORDCEN. AMMOLANT/PAC.
22-30	CAPT CDR	CV/CVN Weapons Officer. NAWMU-CO.	Safety Center/Weapons Explosive Safety Engineering Review Board Member. NAS Weapons Officer. TYCOM/Force Weapons Officer. OHSAT. Naval Ordnance Center Director. AMMOPAC/LANT.

FIGURE I-3: USN AVIATION ORDNANCE CWO NOBC (736X) CAREER PROGRESSION			
YEARS IN COMMISSION	RANK	SEA TOUR	SHORE TOUR
0-4	CWO2	Amphibious Assault Ship (General Purpose) (LHA)/Amphibious Assault Ship (Multi-Purpose)(LHD) Ordnance Officer. VS/VF/VFA Gunner.	Magazine Officer. Strike Warfare Center. Fleet Composite Squadron (VC)/Fleet Test and Evaluation Squadron (VX)/Fleet Readiness Squadron (FRS). Aircraft Intermediate Maintenance Department (AIMD) Avionics/Weapons Division.
4-8	CWO3	CV/CVN Air Gunner. LHA/LHD Ordnance Officer.	Magazine Officer. NAS/Naval Station Weapons. AIMD Avionics/Weapons Division. FRS Squadron Gunner.
8+	CWO4	CV/CVN Air Gunner. LHA/LHD Ordnance Officer.	AOOCP Instructor. Magazine Officer. FRS Squadron Gunner. NAVAIRSYSCOM Engineering AIMD Avionics/Weapons

FIGURE I-3: USN AVIATION ORDNANCE CWO NOBC (736X)			
CAREER PROGRESSION			
			Division.

FIGURE I-4: USMC AOO LDO MOS (6502)			
CAREER PROGRESSION			
YEARS IN COMMISSION	RANK	Fleet Marine Force (FMF) TOUR	NON-FMF TOUR
1-4	CAPT	Rotary Wing MALS.	Fleet Replacement Enlisted Skills Training (FREST), Marine Corps Air Station (MCAS). Commander, Naval Air Force, U.S. Atlantic and Pacific Fleets. Commander, Naval Surface Force, U.S. Atlantic and Pacific Fleets. NAVORDCEN.
5-10	MAJOR	Marine Aircraft Wing (MAW). Fixed Wing MALS.	NAVAIRSYSCOM. NAVORDCEN. AOOCP Training. Office of the Chief of Naval Operations (OPNAV). Commander in Chief, United States Naval Forces, Europe . Marine Corps Systems Command (MARCORSYSCOM).
10	LTCOL	Marine Forces.	Marine Corps Head Quarters. NAVORDCEN.

FIGURE I-5: USMC AVIATION ORDNANCE CWO MOS (6502) CAREER PROGRESSION			
YEARS IN COMMISSION	GRADE	FMF TOUR	NON-FMF TOUR
0-2	WO	Marine Attack Squadron (VMA). Marine All Weather Fighter Attack Squadron (VMFA). Marine Light Attack Helicopter Squadron (HMLA).	NA.
3-5	CWO2	VMA, VMFA, and HMLA.	NA.
6-8	CWO3	MALS. MAW.	AMMOLANT/PAC. VX-9. NAVORDCEN. FRS. MCAS.
9-10	CWO4	NA.	OPNAV. MCAS.
11	CWO5	NA.	Naval Air Warfare Center. AOOCP Training.

Students attending AOOCP Training will be limited to USN and USMC personnel with the following NOBCs and MOSs.

NOBC	NAVY DESIGNATOR TITLE
616X	LDO (Surface Ordnance)
636X	LDO (Aviation Ordnance)
648X	LDO (Explosive Ordnance Disposal)
716X	CWO (Surface Ordnance Technician)
736X	CWO (Aviation Ordnance Technician)
748X	CWO (Explosive Ordnance Disposal Technician)
1140	Surface Ordnance Unrestricted Line
NA	Aviation Ordnanceman (AO) rating (E-7 through E-9) Gunners Mates (GMs) (E-7 through E-9) EOD Technicians (NECs 5336 and 5337)

MOS	MARINE CORPS MOS TITLE
2102	Ordnance Officer (Ground)
2305	Explosive Ordnance Disposal Officer
2336	Explosive Ordnance Disposal Technician (E-8 and E-9)
2340	Ammunition Officer (Ground)
2311	Ground Ammunition Technician Non Commissioned Officer
6502	Aviation Ordnance Officer (LDO/WO/CWO)
6531	Aviation Ordnance Technician
6541	Aviation Ordnance Systems Technician
6591	Aviation Ordnance Chief

a. Initial Training. All initial training has been completed.

b. Follow-on Training. Three levels of training have been established. These paths, similar in use and format to enlisted tracks, have been developed for each of the three basic groups as shown in Figure I-1, page I-2. Level I contains prerequisite training which is recommended for AOOs prior to Level II training. Level II contains technical training which is recommended for career progression. Level III contains training which is recommended for senior AOOs.

(1) Level I Training

Title Aviation Ordnance Officer Career Progression Training
Level I

CIN Q-4E-0010

Model Manager... NAVAVSCOLSCOM

Description This is a structured, comprehensive training program to standardize and expand upon the level of expertise of newly commissioned LDOs and CWOs. This course consists of technical, administrative, and safety oriented instruction which will significantly enhance the professionalism of successful graduates. Instruction covers a wide range of topics designed to provide the student with general knowledge of various areas an Ordnance Officer may manage in their career. The AOOCP Course creates a training path which begins immediately following accession training and culminates in specialized training in preparation for increased levels of responsibility and authority associated with Aviation Ordnance Management. Training

is intended to build incrementally on previously acquired skills and to provide graduated educational and professional career paths for Aviation Ordnance Officers.

Location NAVAVSCOLSCOM, NAS Pensacola, Florida
Length 40 days
RFT date Currently Available
Source rating USN Ordnance LDOs and CWOs with NOBCs 636X, 736X, 616X, 716X, 648X, 748X, and 1140; USMC Ordnance Officers with MOSs 6502, 2102, 2305, and 2340; USN EOD personnel with NECs 5336 and 5337; and senior enlisted USN AO E-7/8/9 and USMC E-8/9 personnel with MOSs 2311, 2336, 6531, 6541, and 6591.
Skill identifier None
TTE/TD None
Prerequisites Must have a background in the Ordnance Field:
-USN NOBC: 636X/736X/616X/716X/648X/748X.
-USN enlisted AOs and GMs assigned to LHAs, LHDs, Fast Combat Support Ships (AOEs), CVs, CVNs, and Weapons Stations.
-EOD personnel must have NEC 5336 or 5337.
-USMC MOS 65XX, 2105, 2340, or 2341.

(2) Level II Training

Title Aviation Ordnance Officer Career Progression Training Level II
CIN Q-4E-0011
Model Manager... NAVAVSCOLSCOM
Description This is a structured, comprehensive training program to standardize and expand upon the level of expertise of officers at their mid-career point. Focus is placed on job related functions that are associated with assignment to ordnance management billets, i.e., Air Wings, Type Wings, TYCOMS, OHOs, NAVORDCEN, and Washington D.C. area tours. Specific training in the areas of Intermediate Maintenance Activities, Weapons Departments, Engineering Departments, Supply Departments, AIMDs, Ordnance/Maintenance/Supply Teamwork, Productivity/Performance Improvement, Operations Departments, Air Departments, Vertical/Conventional Replenishment Procedures, and Safety are taught.
Location NAVAVSCOLSCOM, Pensacola, Florida
Length 20 days
RFT date Currently available

Source rating USN Ordnance LDOs and CWOs with NOBCs 636X, 736X, 616X, 716X, 648X, 748X, and 1140; USMC Ordnance Officers with MOS 6502, 2102, 2305, 2340; USN EOD personnel with NECs 5336 and 5337; and senior enlisted USN AO E-7/8/9 and USMC E-8/9 personnel with MOSs 2311, 2336, 6531, 6541, and 6591.

Skill identifier None

TTE/TD None

Prerequisites Must have a background in the Ordnance Field:
 -USN NOBC: 636X/736X/616X/716X/648X/748X.
 -USN enlisted AOs and GMs assigned to LHAs, LHDs, AOEs, CVs, CVNs, and Weapons Stations.
 -EOD personnel must have NEC 5336 or 5337.
 -USMC MOS 65XX, 2105, 2340, or 2341.

(3) Level III Training

Title Aviation Ordnance Officer Career Progression Training Level III

CIN Q-4E-0012

Model Manager... NAVAVSCOLSCOM

Description This course consists of technical, administrative, and safety oriented instruction which will significantly enhance the professionalism of successful graduates. Level III is intended for Officers who are at their upper career point. Focus will be placed on job related functions that are associated with assignment to ordnance management billets, (i.e., TYCOMS, Fleet Commanders in Charge Naval Ordnance Center, and Washington D.C. area tours). This instruction covers a wide range of topics such as Non-Nuclear Expendable Ordnance Management Responsibilities, Policies and Procedures, Ordnance Fair Share Distribution Policy, Ships Cargo Load, Mission Load, Afloat Allowances, Ammunition Inventory Control, Retrograde Rollback and Fleet Return Material, Integrated Logistics Support, Readiness, Supportability, and Safety.

Location NAVAVSCOLSCOM, Pensacola, Florida

Length 12 days

RFT date Currently available

Source rating USN Ordnance LDOs and CWOs with NOBCs 636X, 736X, 616X, 716X, 648X, 748X, and 1140; USMC Ordnance Officers with MOSs 6502, 2102, 2305, 2340; USN EOD personnel with NECs 5336 and 5337; and senior enlisted USN AO E-7/8/9 and USMC E-8/9

personnel with MOSs 2311, 2336, 6531, 6541, and 6591.

Skill identifier None

TTE/TD None

Prerequisites Must have a background in the Ordnance Field:
 -USN NOBC: 636X/736X/616X/716X/648X/748X.
 -USN enlisted AOs and GMs assigned to LHAs, LHDs, AOE, CVs, CVNs, and Weapons Stations.
 -EOD personnel must have NEC 5336 or 5337.
 -USMC MOS 65XX, 2105, 2340, or 2341.

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
Navy Ordnance Limited Duty Officers, Warrant Officers with the following NOBCs:	
1140 Unrestricted Line Officer	P-9E-0023, Officer Indoctrination Basic P-9B-0010, Officer’s Candidate School A-431-0011, EOD Phase II (Navy)
616X LDO Surface Ordnance Officer	A-041-0010, Gunner’s Mate Class A Phase I Q-9B-0023, Limited Duty Officer/Chief Warrant Officer Indoctrination
636X LDO Aviation Ordnance	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1 C-646-2013, Aviation Ordnanceman Ships Company Strand Class A1 Q-9B-0023, Limited Duty Officer/Chief Warrant Officer Indoctrination
648X LDO Explosive Ordnance Officer	A-431-0011, EOD Phase II (Navy) G-431-0001, EOD Pre-deployment Team Training Q-9B-0023, Limited Duty Officer/Chief Warrant Officer Indoctrination

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
716X CWO Ordnance Technician Surface	A-041-0010, Gunner's Mate Class A Phase I Q-9B-0023, Limited Duty Officer/Chief Warrant Officer Indoctrination
736X CWO Aviation Ordnance Technician	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1 C-646-2013, Aviation Ordnanceman Ships Company Strand Class A1 Q-9B-0023, Limited Duty Officer/Chief Warrant Officer Indoctrination
748X CWO Explosive Ordnance Disposal Technician	A-431-0011, EOD Phase II (Navy) G-431-0001, EOD Pre-deployment Team Training Q-9B-0023, Limited Duty Officer/Chief Warrant Officer Indoctrination
Marine Corps Ordnance Officers with the following MOSs:	
2102 Ordnance Officer	Marine Corps Ordnance Officer Course Must be a CAPT, MAJOR, or LTCOL, and previously held MOS 2110 or 2120 or Warrant Officer with either 2110, 2120, or 2125
2305 EOD Officer	Marine Corps Warrant Officer Basic Course A-431-0012, EOD Phase II A-431-0069, Explosive Ordnance Phase I
2340 Ammunition Officer	Marine Corps Warrant Officer Basic Course Ammunition Officer Entry Course Previously held MOS 2311, Munitions Specialist USMC

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
6502 Aviation Ordnance Officer	Marine Corps Warrant Officer Basic Course C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1
Senior Navy Enlisted Aviation Ordnance Personnel:	Be an E-7/8/9
NEC 5336 Master EOD Technician	Served a minimum of three years in NEC 5334 A-431-0011, EOD Phase II (Navy) G-431-0001, EOD Pre-deployment Team Training
Senior Marine Corps Enlisted Aviation Ordnance Personnel:	Be an E-8/9
MOS 2336 EOD Technician	A-431-0012, EOD Phase II
MOS 6591 Aviation Ordnance Chief	Previously held MOS 6521, 6531, or 6541 C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1
Civilian Ordnance Personnel:	
Explosive Safety Officer	Completed Basics of Naval Hazard Control Course, (Ammo-C-21) NAVSEA OP5 Vol. 1 Appendix D
Explosive Safety Director	Completed Basics of Naval Hazard Control Course, (Ammo-C-21) and Explosive Safety for Officers/Managers/Supervisors (Ammo-C-25) NAVSEA OP5 Vol. 1 Appendix D
Ordnance Equivalent Billets	Weapons, Navy Civilian Technical Specialist

d. Training Pipelines. NA.

I. ON-BOARD (IN-SERVICE) TRAINING. NA.

J. LOGISTICS SUPPORT. NA.

K. SCHEDULES. NA.

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
The Limited Duty/Chief Warrant Officer Professional Guidebook	0500-LP-543-2800	PERS-211L	Approved 22 Nov 93

PART II - BILLET AND PERSONNEL REQUIREMENTS

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

II.A. Billet Requirements

II.A.1.a. Operational and Fleet Support Activity Activation Schedule

II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule

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

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

PART II - BILLET AND PERSONNEL REQUIREMENTS

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIGN RATING	PNEC/SNEC PMOS/SMOS
	OFF	ENL		
NAVY				
ACDU	157	0	636X	
	94	0	736X	
ACTIVITY TOTAL:	251	0		
USMC				
ACDU	94	0		6502
	0	63		6591
ACTIVITY TOTALS:	94	63		

NOTE: All billets are currently in place.

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

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY98		FY99		FY00		FY01		FY02	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
OPERATIONAL ACTIVITY		USN-ACDU											
636X		157	0	0	0	0	0	0	0	0	0	0	0
736X		94	0	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY		USMC											
	6502	94	0	0	0	0	0	0	0	0	0	0	0
	6591	0	63	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL													
		ACDU											
USN		251	0	0	0	0	0	0	0	0	0	0	0
USMC		94	63	0	0	0	0	0	0	0	0	0	0

NOTE: All billets are currently in place.

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

INSTRUCTOR BILLETS

TRAINING ACTIVITY, LOCATION, UIC: Naval Aviation Schools Command, NAS Pensacola, 62229

DESIGN	PNEC/SNEC	PFYs		CFY98		FY99		FY00		FY01		FY02	
		ENL/ OFF	CIV										
RATING	PMOS/SMOS												
USN ACDU													
636X		1	0	1	0	1	0	1	0	1	0	1	0
736X		1	0	1	0	1	0	1	0	1	0	1	0
AOCM	9502	0	1	0	1	0	1	0	1	0	1	0	1
USMC ACDU													
	6502	2	0	2	0	2	0	2	0	2	0	2	0
	6591/E-8	0	1	0	1	0	1	0	1	0	1	0	1
	6531/E-6	0	1	0	1	0	1	0	1	0	1	0	1
CIVILIAN/ CONTRACTOR													
		0	1	0	1	0	1	0	1	0	1	0	1

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY98		FY99		FY00		FY01		FY02	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Naval Aviation Schools Command		NAS Pensacola				62229							
	Navy	2.7	0	2.7	0	2.7	0	2.7	0	2.7	0	2.7	0
	USMC	1.1	0.9	1.1	0.9	1.1	0.9	1.1	0.9	1.1	0.9	1.1	0.9
SUMMARY TOTAL:													
	Navy	2.7	0	2.7	0	2.7	0	2.7	0	2.7	0	2.7	0
	USMC	1.1	0.9	1.1	0.9	1.1	0.9	1.1	0.9	1.1	0.9	1.1	0.9
GRAND TOTAL:		3.8	0.9	3.8	0.9	3.8	0.9	3.8	0.9	3.8	0.9	3.8	0.9

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG RATING PNEC/SNEC	BILLET BASE	CFY98		FY99		FY00		FY01		FY02	
		+/-	CUM								
a. OFFICER - USN ACDU											
Operational Billets											
636X	157	0/157	0/157	0/157	0/157	0/157	0/157	0/157	0/157	0/157	0/157
736X	94	0/94	0/94	0/94	0/94	0/94	0/94	0/94	0/94	0/94	0/94
Instructor Billets											
636X	1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
736X	1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
Chargeable Student Billets											
	3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
TOTAL USN OFFICER BILLETS											
Operational	251	0/251	0/251	0/251	0/251	0/251	0/251	0/251	0/251	0/251	0/251
Fleet Support	2	0/2	0/2	0/2	0/2	0/2	0/2	0/2	0/2	0/2	0/2
Student	3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
a. ENLISTED - USN ACDU											
Instructor Billet											
AOCM 9502	1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
TOTAL ENLISTED BILLETS											
Fleet Support	1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG RATING PNEC/SNEC	BILLET BASE	CFY98		FY99		FY00		FY01		FY02	
		+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
a. OFFICER - USMC ACDU											
Operational Billets 6502	94		0/94		0/94		0/94		0/94		0/94
Instructor Billets 6502	2		0/2		0/2		0/2		0/2		0/2
Chargeable Student Billets	1		0/1		0/1		0/1		0/1		0/1
TOTAL USMC OFFICER BILLETS											
Operational	94		0/94		0/94		0/94		0/94		0/94
Fleet Support	2		0/2		0/2		0/2		0/2		0/2
Student	1		0/1		0/1		0/1		0/1		0/1
b. ENLISTED - USMC ACDU											
Operational Billets 6591	63		0/63		0/63		0/63		0/63		0/63
Instructor Billets 6591	1		0/1		0/1		0/1		0/1		0/1
6531	1		0/1		0/1		0/1		0/1		0/1
Chargeable Student Billets	1		0/1		0/1		0/1		0/1		0/1
TOTAL USMC ENLISTED BILLETS											
Operational	63		0/63		0/63		0/63		0/63		0/63
Student	1		0/1		0/1		0/1		0/1		0/1

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: Q-4E-0010 Aviation Ordnance Officer Career Progression Training Level I
COURSE LENGTH: 6.0 weeks **USN TOUR LENGTH:** 36.0
ATTRITION FACTOR: USN Officer 0% **BACKOUT FACTOR:** 0.12
 USN Enlisted 10%

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL								
Naval Aviation Schools Command NAS Pensacola 62229	Navy	ACDU	45	13	45	14	45	13	45	13	45	14

CIN, COURSE TITLE: Q-4E-0011 Aviation Ordnance Officer Career Progression Training Level II
COURSE LENGTH: 2 weeks **USN TOUR LENGTH:** 36.0
ATTRITION FACTOR: USN Officer 0% **BACKOUT FACTOR:** 0.0
 USN Enlisted 10%

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL								
Naval Aviation Schools Command NAS Pensacola 62229	Navy	ACDU	11	6	11	7	11	6	11	6	11	7

CIN, COURSE TITLE: Q-4E-0012 Aviation Ordnance Officer Career Progression Training Level III
COURSE LENGTH: 2.0 weeks **USN TOUR LENGTH:** 36.0
ATTRITION FACTOR: USN Officer 0% **BACKOUT FACTOR:** 0.0
 USN Enlisted 10%

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL								
Naval Aviation Schools Command NAS Pensacola 62229	Navy	ACDU	11	6	11	7	11	6	11	6	11	7

Total USN 67 25 67 28 67 25 67 25 67 25 67 28

CIN, COURSE TITLE: Q-4E-0010 Aviation Ordnance Officer Career Progression Training Level I
COURSE LENGTH: 6.0 weeks
ATTRITION FACTOR: USMC 0% **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL								
Naval Aviation Schools Command NAS Pensacola 62229	USMC	ACDU	22	21	22	20	22	20	22	20	22	21

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: Q-4E-0011 Aviation Ordnance Officer Career Progression Training Level II
COURSE LENGTH: 2 weeks
ATTRITION FACTOR: USMC 0% **BACKOUT FACTOR:** 0.0

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL								
Naval Aviation Schools Command NAS Pensacola 62229	USMC	ACDU	7	7	7	6	7	6	7	6	7	7

CIN, COURSE TITLE: Q-4E-0012 Aviation Ordnance Officer Career Progression Training Level III
COURSE LENGTH: 2.0 weeks
ATTRITION FACTOR: USMC 0% **BACKOUT FACTOR:** 0.0

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	FY98		FY99		FY00		FY01		FY02	
			OFF	ENL								
Naval Aviation Schools Command NAS Pensacola 62229	USMC	ACDU	7	7	7	6	7	6	7	6	7	7
	Total	USMC	36	35	36	32	36	32	36	32	36	35

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AOOCP 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: Q-4E-0010, Aviation Ordnance Officer Career Progression Training Level I
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: Naval Aviation Schools Command, NAS Pensacola 62229

SOURCE: NAVY **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL									
45	13	45	14	45	13	45	13	45	14	ATIR
45	12	45	13	45	12	45	12	45	13	Output
4.9	1.4	4.9	1.5	4.9	1.4	4.9	1.4	4.9	1.5	AOB
2.7	0.0	2.7	0.0	2.7	0.0	2.7	0.0	2.7	0.0	Chargeable

Note: Only 25 of the 45 USN officer students are chargeable. Zero USN enlisted students are chargeable.

CIN, COURSE TITLE: Q-4E-0011, Aviation Ordnance Officer Career Progression Training Level II
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: Naval Aviation Schools Command, NAS Pensacola 62229

SOURCE: NAVY **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL									
11	6	11	7	11	6	11	6	11	7	ATIR
11	5	11	6	11	5	11	5	11	6	Output
0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	AOB
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Chargeable

Note: There are no chargeable students

CIN, COURSE TITLE: Q-4E-0012, Aviation Ordnance Officer Career Progression Training Level III
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: Naval Aviation Schools Command, NAS Pensacola 62229

SOURCE: NAVY **STUDENT CATEGORY:** ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL									
11	6	11	7	11	6	11	6	11	7	ATIR
11	5	11	6	11	5	11	5	11	6	Output
0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	AOB
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Chargeable

Note: There are no chargeable students

III.A.2.a. EXISTING COURSES (Continued)

TRAINING ACTIVITY: Naval Aviation Schools Command
 LOCATION, UIC: Naval Aviation Schools Command 62229

CIN, COURSE TITLE: Q-4E-0010, Aviation Ordnance Officer Career Progression Training Level I.

SOURCE: USMC STUDENT CATEGORY: ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL									
22	21	22	20	22	20	22	20	22	21	ATIR
22	21	22	20	22	20	22	20	22	21	Output
2.4	2.3	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.3	AOB
1.1	0.9	1.1	0.9	1.1	0.9	1.1	0.9	1.1	0.9	Chargeable

Note: Only 10 of the 22 USMC officer students are chargeable. Only 8 of the 20 USMC enlisted students are chargeable.

TRAINING ACTIVITY: Naval Aviation Schools Command
 LOCATION, UIC: Naval Aviation Schools Command 62229

CIN, COURSE TITLE: Q-4E-0011, Aviation Ordnance Officer Career Progression Training Level II

SOURCE: USMC STUDENT CATEGORY: ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL									
7	7	7	6	7	6	7	6	7	7	ATIR
7	7	7	6	7	6	7	6	7	7	Output
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	AOB
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Chargeable

Note: There are no chargeable students

TRAINING ACTIVITY: Naval Aviation Schools Command
 LOCATION, UIC: Naval Aviation Schools Command 62229

CIN, COURSE TITLE: Q-4E-0012, Aviation Ordnance Officer Career Progression Training Level III

SOURCE: USMC STUDENT CATEGORY: ACDU

FY98		FY99		FY00		FY01		FY02		
OFF	ENL									
7	7	7	6	7	6	7	6	7	7	ATIR
7	7	7	6	7	6	7	6	7	7	Output
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	AOB
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Chargeable

Note: There are no chargeable students

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

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

IV.A. Training Hardware

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

IV.A.2. Training Devices

IV.B. Course Requirements

IV.B.1. Training Services

IV.C. Facility Requirements

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

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

IV.C.3. Facility Project Summary by Program

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: Q-4E-0010, Aviation Ordnance Officer Career Progression Training Level I
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Curriculum Outline	2		On board
Instructor Guide	2		
Student Guides	25		
Master Reproducible Set	1		

CIN, COURSE TITLE: Q-4E-0011, Aviation Ordnance Officer Career Progression Training Level II
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Curriculum Outline	2		On board
Instructor Guide	2		
Student Guides	25		
Master Reproducible Set	1		

CIN, COURSE TITLE: Q-4E-0012, Aviation Ordnance Officer Career Progression Training Level III
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Curriculum Outline	2		On board
Instructor Guide	2		
Student Guides	15		
Master Reproducible Set	1		

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: Q-4E-0010, Q-4E-0011, Q-4E-0012
 Aviation Ordnance Officer Career Progression Training Level I, Level II, Level III
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Computer, IBM Compatible, Pentium 133 MHz, 1.2 Gigabyte HD 32 MB EDO RAM, 128 MEG on Motherboard, 512K pipeline burst cache, 12X speed CD ROM, , with readable/writeable CD ROM Capabilities, 17" Multisync Monitor 1280 X 1024 NI	9		4 Currently On board
Printer, Laserjet III	2		On board
Printer Inkjet color	1		On board
LCD Panel, QA-1150	1		On board
Overhead Projector, High Brightness	1		On board
Scanner, Full Page Flatbed	1		On board
Student Guide Machine	2		1 Currently On board
Proxima Desktop projector/equivalent to Multiscan projector	2		1 Currently On board
Electronic Classroom	1		0 Currently On board
Remote Mouse	2		0 Currently On board

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: Q-4E-0010, Q-4E-0011, Q-4E-0012
 Aviation Ordnance Officer Career Progression Training Level I, Level II, Level III
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
AFSC PUB 1,	Hard copy	2		On board
ICC-NO-BOE-6000-K	Hard copy	2		On board
JCS JOINT PUB 3-02	Hard copy	2		On board
MCO P4790.12A	Hard copy	2		On board
MCO 8023.2A	Hard copy	2		On board
MIL-E-17807	Hard copy	2		On board
MIL-Handbook 1027/3A	Hard copy	2		On board
MIL-Handbook-1023/2	Hard copy	2		On board
MIL-Handbook 274(AS)	Hard copy	2		On board
MMP 1990-2000	Hard copy	2		On board
NAVAIR AW-380VB-MIB-000	Hard copy	2		On board
NAVAIR AW-382AC-750-000	Hard copy	2		On board
NAVAIR AW-382AC-750-010	Hard copy	2		On board
NAVAIR AW-820CE-MIB-010	Hard copy	2		On board
NAVAIR AW-820HN-MIB-000	Hard copy	2		On board
NAVAIR AW-820HN-NWS-400	Hard copy	2		On board
NAVAIR AW-820HN-NWS-500	Hard copy	2		On board
NAVAIR AW-820HN-NWS-600	Hard copy	2		On board
NAVAIR AW-820YA-MIB-000	Hard copy	2		On board
NAVAIR AW-820YB-MIB-000	Hard copy	2		On board
NAVAIR AW-820YB-MIB-100	Hard copy	2		On board
NAVAIR A1-AV8BB-LWS-000	Hard copy	2		On board
NAVAIR A1-AV8BB-750-100	Hard copy	2		On board
NAVAIR A1-AV8BB-750-300	Hard copy	2		On board
NAVAIR 00-25-100	Hard copy	2		On board
NAVAIR 00-80R-14	Hard copy	2		On board
NAVAIR 00-80T-103	Hard copy	2		On board
NAVAIR 00-80T-105	Hard copy	2		On board
NAVAIR 00-80T-106	Hard copy	2		On board
NAVAIR 01-A/B37U-1	Hard copy	2		On board
NAVAIR 01-AGM119B-1	Hard copy	2		On board
NAVAIR 01-AGM119B-2	Hard copy	2		On board
NAVAIR 01-AGM119B-3	Hard copy	2		On board
NAVAIR 01-AGM122A-2	Hard copy	2		On board
NAVAIR 01-AGM122A-2.1	Hard copy	2		On board
NAVAIR 01-AGM88A-2	Hard copy	2		On board
NAVAIR 01-AGM88A-2.1	Hard copy	2		On board
NAVAIR 01-AIM120-2	Hard copy	2		On board
NAVAIR 01-AIM54-2	Hard copy	2		On board
NAVAIR 01-AIM54-2-3	Hard copy	2		On board
NAVAIR 01-AIM54-2-4	Hard copy	2		On board
NAVAIR 01-AIM9-2	Hard copy	2		On board
NAVAIR 01-AIM9L/M-2.1	Hard copy	2		On board
NAVAIR 01-BQM-74C-2-2	Hard copy	2		On board
NAVSEA 01-QST33-2	Hard copy	2		On board

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: Q-4E-0010, Q-4E-0011, Q-4E-0012
 Aviation Ordnance Officer Career Progression Training Level I, Level II, Level III
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVSEA 01-QST33-1	Hard copy	2		On board
NAVSEA 01-QST35-2	Hard copy	2		On board
NAVSEA 01-QST35-1	Hard copy	2		On board
NAVAIR 01-1ASH-1T	Hard copy	2		On board
Volume 1 (MWP 55-9-ASH)	Hard copy	2		On board
NAVAIR 01-15MGA-2	Hard copy	2		On board
NAVAIR 01-15MGB-2	Hard copy	2		On board
NAVAIR 01-15MGA-3-2	Hard copy	2		On board
NAVAIR 01-15MGB-3-2	Hard copy	2		On board
AFSC PUB 1,	Hard copy	2		On board
ICC-NO-BOE-6000-K	Hard copy	2		On board
JCS JOINT PUB 3-02	Hard copy	2		On board
MCO P4790.12A	Hard copy	2		On board
MCO 8023.2A	Hard copy	2		On board
MIL-E-17807	Hard copy	2		On board
MIL-Handbook 1027/3A	Hard copy	2		On board
MIL-Handbook-1023/2	Hard copy	2		On board
MIL-Handbook 274(AS)	Hard copy	2		On board
MMP 1990-2000	Hard copy	2		On board
NAVAIR AW-380VB-MIB-000	Hard copy	2		On board
NAVAIR AW-382AC-750-000	Hard copy	2		On board
NAVAIR AW-382AC-750-010	Hard copy	2		On board
NAVAIR AW-820CE-MIB-010	Hard copy	2		On board
NAVAIR AW-820HN-MIB-000	Hard copy	2		On board
NAVAIR AW-820HN-NWS-400	Hard copy	2		On board
NAVAIR AW-820HN-NWS-500	Hard copy	2		On board
NAVAIR AW-820HN-NWS-600	Hard copy	2		On board
NAVAIR AW-820YA-MIB-000	Hard copy	2		On board
NAVAIR AW-820YB-MIB-000	Hard copy	2		On board
NAVAIR AW-820YB-MIB-100	Hard copy	2		On board
NAVAIR A1-AV8BB-LWS-000	Hard copy	2		On board
NAVAIR A1-AV8BB-750-100	Hard copy	2		On board
NAVAIR A1-AV8BB-750-300	Hard copy	2		On board
NAVAIR 00-25-100	Hard copy	2		On board
NAVAIR 00-80R-14	Hard copy	2		On board
NAVAIR 00-80T-103	Hard copy	2		On board
NAVAIR 01-100TBA-1	Hard copy	2		On board
NAVAIR 01-265GMAD-9-3.1	Hard copy	2		On board
NAVAIR 01-80MGA-2	Hard copy	2		On board
NAVAIR 01-80MGA-2.1	Hard copy	2		On board
NAVAIR 11-1F-2	Hard copy	2		On board
NAVAIR 11-1-116A/				
TWO10-AA-ORD-010	Hard copy	2		On board

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: Q-4E-0010, Q-4E-0011, Q-4E-0012
 Aviation Ordnance Officer Career Progression Training Level I, Level II, Level III
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR 11-1-116B/ TWO10-AA-ORD-030	Hard copy	2		On board
NAVAIR 11-5D-20	Hard copy	2		On board
NAVAIR 11-75AA-48	Hard copy	2		On board
NAVAIR 11-75A-54	Hard copy	2		On board
NAVAIR 11-75A-61	Hard copy	2		On board
NAVAIR 11-75A-63	Hard copy	2		On board
NAVAIR 11-75A-78	Hard copy	2		On board
NAVAIR 11-75A-79	Hard copy	2		On board
NAVAIR 11-100-1.1	Hard copy	2		On board
NAVAIR 11-100-1.3	Hard copy	2		On board
NAVAIR 11-120-8	Hard copy	2		On board
NAVAIR 11-140-1	Hard copy	2		On board
NAVAIR 11-140-5	Hard copy	2		On board
NAVAIR 11-140-8	Hard copy	2		On board
NAVAIR 11-140-9	Hard copy	2		On board
NAVAIR 11-140-10	Hard copy	2		On board
NAVAIR 11-5A-3	Hard copy	2		On board
NAVAIR 11-5A-17	Hard copy	2		On board
NAVAIR 11-5A-31	Hard copy	2		On board
NAVAIR 11-5A-33	Hard copy	2		On board
NAVAIR 11-15-7	Hard copy	2		On board
NAVAIR 11-85-1	Hard copy	2		On board
NAVAIR 11-85-5	Hard copy	2		On board
NAVAIR 11-95 M197	Hard copy	2		On board
NAVAIR 11-95 M61A1-1	Hard copy	2		On board
NAVAIR 16-30AWW13-1	Hard copy	2		On board
NAVAIR 19-15-27	Hard copy	2		On board
NAVAIR 19-25D-20	Hard copy	2		On board
NAVAIR 19-25-157	Hard copy	2		On board
NAVAIR 28-10A-14	Hard copy	2		On board
NAVAIR 28-10A-16	Hard copy	2		On board
NAVAIR 28-10A-23	Hard copy	2		On board
NAVAIR 28-10A-501	Hard copy	2		On board
NAVEDTRA 10345-D	Hard copy	2		On board
NAVFACINST 5460.	Hard copy	2		On board
NAVMAT P-5100	Hard copy	2		On board
NAVSEA AW610-AE0GDY-010	Hard copy	2		On board
NAVSEA OP 2165 Vol. 1	Hard copy	2		On board
NAVSEA OP 2239	Hard copy	2		On board
NAVSEA OP 3565/ NAVAIR 16-1-529/	Hard copy	2		On board
NAVFLEX 0967-LP-624-6010	Hard copy	2		On board
NAVSEA OP 4	Hard copy	2		On board

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: Q-4E-0010, Q-4E-0011, Q-4E-0012
 Aviation Ordnance Officer Career Progression Training Level I, Level II, Level III
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVSEA OP 4098	Hard copy	2		On board
NAVSEA OP 4522	Hard copy	2		On board
NAVSEA OP 4550	Hard copy	2		On board
NAVSEA OP 5 Volume 1,2,3	Hard copy	2		On board
NAVSEA/NAVAIR QAP-100	Hard copy	2		On board
NAVSEA QATIP 299 Rev (4)	Hard copy	2		On board
NAVSEA SG420-BA-WHS-010	Hard copy	2		On board
NAVSEA SG420-B5-WHS-010	Hard copy	2		On board
NAVSEA SWO60-AA-MMA-010	Hard copy	2		On board
NAVSEA SW610-AE-GYD-010	Hard copy	2		On board
NAVSEA S9086-XG-STM-010				
CHAPTER 700	Hard copy	2		On board
NAVSEA S9086-ZN-STM-000/ CH-722	Hard copy	2		On board
NAVSEA S9086-ZM-STM-000/ CH-722	Hard copy	2		On board
NAVSEA S9522-AA-HBK-010	Hard copy	2		On board
NAVSEA TWO10-AC-ORD-010	Hard copy	2		On board
NAVSEA TWO24-AA-ORD-010	Hard copy	2		On board
NAVSUP PUB 437	Hard copy	2		On board
NAVSUP PUB 485	Hard copy	2		On board
NAWC PG 000001	Hard copy	2		On board
NAWC WSD PROMEMO 8 (REV A)				
NSTM, Chapt 9650, 079 Vol2	Hard copy	2		On board
NWC TP 6914	Hard copy	2		On board
NWP-14	Hard copy	2		On board
NWP 22-2 (Rev A)	Hard copy	2		On board
NWP 32 (Rev K)	Hard copy	2		On board
NWP 55-3-AH1	Hard copy	2		On board
NWP62-1	Hard copy	2		On board
OH 1-5	Hard copy	2		On board
RPV Pub No. O2B-10	Hard copy	2		On board
SW 073-AC-MMA-010	Hard copy	2		On board
SW 515-A5-MMM-010/ CC/MK 46 MOD 5	Hard copy	2		On board
SW 515-AG-OMP-010	Hard copy	2		On board
TM 9-1425-473-20	Hard copy	2		On board

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: Q-4E-0010, Q-4E-0011, Q-4E-0012
Aviation Ordnance Officer Career Progression Training Level I, Level II, Level III
TRAINING ACTIVITY: Naval Aviation Schools Command
LOCATION, UIC: NAS Pensacola 62229

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NAWC TP-75-22	Hard copy	2		On board
Weapons Officers Guide	Hard copy	2		On board
WR 53/54	Hard copy	2		On board

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
TA	Commence Follow-On/Replacement Training (Level I)	1/89	Completed
DCNO/DMSO/CMS SPONSOR	Program Manpower and Training Resource Requirements	5/89	Completed
CNO	Approved NTP	10/89	Completed
BUPERS	Commence Programming for Officer Training	1/92	Completed
ACNO (MPT)/CMC	Fleet, Instructor, Support and Student Billets Allocated	5/92	Completed
PDA	NTP Update to ALCON for Review and Comment	6/92	Completed
TSA	Curricula Materials Delivered (Level I)	10/92	Completed
TA	Commence Follow-On/Replacement Training (Level II)	10/92	Completed
ACNO, DMSO, Sponsor	NTP Update/Coordination Conference	11/92	Completed
BUPERS/CMC (MM)	Instructors Report Aboard	11/92	Completed
TA	Commence Follow-On/Replacement Training (Level III)	4/95	Completed
ACNO, DMSO, Sponsor	NTSP Update	12/97	Pending

PART VI - DECISION ITEMS/ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
1. Establish Executive Working Group (EWG)	N889H	1/92	Completed
a. Promulgate Nominating Letter	N889H	1/92	Completed
b. FMF/CINCS, Nominate members	PMA205/CNET Support	2/92	Completed
2. Convene EWG	N889H	3/92	Completed
3. EWG to monitor/determine NTP requirements	ALCON	6/92	Completed
4. Level II/III Terminal Objective	EWG	6/92	Completed
5. MTRR Level	CNET	11/94	Completed
6. I MTRR Level I, II, and III	CNO	11/96	Completed
7. Determine Future Training Requirements	N889H		On going

PART VII - POINTS OF CONTACT

NAME, ACTIVITY, CODE	FUNCTION	TELEPHONE NUMBERS COMMERCIAL, DSN, FAX INTERNET ADDRESS
CAPT P. Laszcz CNO N881B	Head, Plans, Policy, and Fleet Maintenance Support	(703) 604-7747, DSN 664 (703) 693-9972 (fax) laszcz.peter@hq.navy.mil
CAPT F. Smith CNO N889H	Aviation Technical Training	(703) 604-7730, DSN 664 (703) 604-6939 (fax) smith.frank@hq.navy.mil
MAJ Rowland CNO N881C8	Program Sponsor	(703) 614-7335, DSN 224 (703) 697-7343 (fax) rowland.raymond@hq.navy.mil
Mr. R. Zweibel CNO N751	Training Coordinator	(703) 614-1344, DSN 224 (703) 695-5698 (fax) bobzweibel@ntsc.navy.mil
MSGT D. Anderson CNO N889H6	NTSP Policy	(703) 604-7722, DSN 664 (703) 604-6939 (fax) anderson.david@hq.navy.mil
AZC M. Dean CNO N889H7	NTSP Manager	(703) 604-7714, DSN 664 (703) 664-6939 (fax) guidry.orin@hq.navy.mil
CAPT L. Schmidt CNO N889J	Head, Aviation Manpower Training Spec	(703) 614-6010 DSN 224
AZCS Erdmann CNO N889J1	Aviation Manpower Requirements Assistant	(301) 614-6018 DSN, 224
LTCOL W. Robinette MCHQ ASL-30	Aviation Ordnance Officer	(703) 614-2237 DSN robinette_jrw@mqq-smtp3.usmc.mil
CDR Lineberg BUPERS PERS 404	Branch Head, Aviation Rating	(703) 693-1370, DSN 223 (703) 693-1392 (fax) p404@bupers.navy.mil
MAJ F. Simonds MCCDC C5325A	Total Force Structure Division	(703) 784-6241, DSN 278 (703) 278-4914 (fax) simonds_jrf@quantico.usmc.mil
LCDR S. A. Langlais CNET PENSACOLA CNET T2512	Aviation NTP Manager	(904) 452-8911, DSN 922 (904) 452-4901 (fax)

PART VII - POINTS OF CONTACT

NAME, ACTIVITY, CODE	FUNCTION	TELEPHONE NUMBERS COMMERCIAL, DSN, FAX INTERNET ADDRESS
AOC (AW) J. Jenkins NAVAIRSYSCOM PMA205-5C	Training System Manager	(301) 757-8101, DSN 757 (301) 757-6941 (fax) jenkinsj.jfk@navair.navy.mil
CDR R. Martin CNET T251	Aviation Technical Training	(904) 452-4915, DSN 922 (904) 452-8906 (fax) cdr_ron.martin@smf.cnet.navy.mil
Mr. E. Scheye CNET T252	Aviation NTSP Manager	(904) 452-4853, DSN 922 (904) 452-4901 (fax) cnet.t252@smtp.cnet.navy.mil
CDR McFarlane NASC NASC-05	Officer Training Department Head	(904) 452-4230, DSN 922 nasc.05@smtp.cnet.navy.mil
MAJ D. Crabtree NASC NASC-055	AOO School Director Implementation Division	(904) 452-8626, DSN 922 nasc.055@smtp.cnet.navy.mil
Mr. Phil Szczyglowski NAVAIRSYSCOM 3.4.1	Competency Manager	(301) 757-9182, DSN 757 (301) 342-4723 (fax) szczyglowski_phil%pax8b@mr.nawcad.navy.mil
AVCM Roger Lovern NAVAIRSYSCOM AIR 3.4.1	NTSP Manager	(301) 757-9183, DSN 757 (301) 342-4723 (fax) lovern_roger%pax8b@mr.nawcad.navy.mil
ATCS Dell Butler NAVAIRSYSCOM AIR 3.4.1	NTSP Coordinator	(301) 757-9188, DSN 757 (301) 342-4723 (fax) butler_dell%pax8b@mr.nawcad.navy.mil
AOC J Cortinas NAVAIRSYSCOM AIR 3.4.1	MP&T Analyst	(301) 757-9189, DSN 757 (301) 342-4723 (fax) cortinas_jesus%pax8b@mr.nawcad.navy.