



Naval Aircrwoman Mechanical (AWF)



RATING ROADMAP

22 Mar 2010

CAREER ROADMAP

Seaman Recruit to Master Chief Roadmaps

The educational roadmap below will assist Sailors in the Naval Aircrewman Mechanical community through the process of pursuing professional development and advanced education using various military and civilian resources e.g. PQS program; SMART Transcript; NKO (E-Learning); Navy College; etc. Successful leadership is the key to military readiness and will always require a high degree of technical skill, professional knowledge, and intellectual development.

What is a Career Roadmap for Naval Aircrewman Mechanical?

Naval Aircrewman Mechanical roadmaps are just what the name implies - a roadmap through the Enlisted Learning and Development Continuum from Naval Aircrewman Helicopter Seaman Recruit through Naval Aircrewman Master Chief. The principal focus is to standardize a program Navywide by featuring the existing skills of Naval Aircrewman Mechanical necessary to be successful in the Navy. The ultimate goal of a roadmap is to produce a functional and competent Naval Aircrewman Mechanical.

What is the Enlisted Learning and Development Continuum?

Enlisted Learning and Development Continuum is the formal title given to the curriculum and process building on the foundation of Sailorization beginning in our Delayed Entry Program through Recruit Training Command and throughout your entire career. The continuum combines skill training, professional education, well-rounded assignments, and voluntary education. As you progress through your career, early-on skill training diminishes while professional military education gradually increases. Experience is the ever-present constant determining the rate at which a Sailor trades skill training for professional development.

Do Sailors have to follow the Roadmap?

Yes. The Naval Aircrewman Mechanical roadmap includes the four areas encompassed by the Continuum in Professional Military Education to include; Navy Professional Military Education, Joint Professional Education, Leadership and Advanced Education.

Some training and education is mandatory (Recruit Training, Naval Aircrew Candidate School, and Naval Aircrewman Mechanical "A" School at Naval Air Station Pensacola FL, NKO (E-Learning, etc...)). Some may be directed by your chain of command (Microsoft Excel and PowerPoint courses), and the remainder is voluntary (NKO, E-Learning, college courses, etc.). Sailors are advised to seek out mentors, including your Command Master Chief, Senior Enlisted Advisor, Leading Chief Petty Officer, Leading Petty Officer and Command Career Counselor, and to make use of your Base Navy College or Education Office vast resources. All are uniquely qualified to help you along the way.



I am a United States Sailor.

I will support and defend the Constitution of the United States of America and I will obey the orders of those appointed over me.

I represent the fighting spirit of the Navy and those who have gone before me to defend freedom and democracy around the world.

I proudly serve my country's Navy combat team with Honor, Courage and Commitment.

I am committed to excellence and the fair treatment of all.



**NAVAL AIRCREWMAN MECHANICAL (AWF) SECOND CLASS
(Journeyman)**

NAME _____

SKILL TRAINING

(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID ACE ID	Course Length	Date Completed
Naval Aircrewman Candidate School	NAS Pensacola, FL	C-050-1500	25 days	
AWAT	NAS Pensacola, FL	C-100-2021A	8 days	
ATT	NAS Pensacola, FL		30 days	
AWF A-1 School	NAS Pensacola, FL	C-050-2011	55 days	

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
NMT	NAS Pensacola, FL	A-500-1000		
PFM	NAS Pensacola, FL	A-950-0080		

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
8206 C-130 Flight Mechanic		R-050-8206		
8208 C-130 Second Loadmaster		R-050-0402		
8220 C-130 Loadmaster		R-050-0401		
8241 C-12 Transport Aircrewman		D-050-0015 (P/L) D-050-0012		
8227 E-6B REEL System Operator		E-050-0412 (P/L)		
8278 Loadmaster		R-553-3000		
8279 C-2 Transport Aircrewman		D-050-2302 (P/L) D-050-2303 (P/L)		
8251 P-3 Flight Engineer		CIN: D-050-1010		
8209 C-40A Crew Chief		N/A		
8250 C-9 Crew Chief		N/A		
8245 C-20/C-37 Crew Chief		N/A		
8252 C-130 Flight Engineer		R-050-0404		
8235 E-6B Flight Engineer		E-050-0410 (P/L)		
8362 Unmanned Aerial Vehicle (UAV) External Pilot		C-104-0641 C-104-0642		
8373 MH-60S Organic Airborne Mine Countermeasures (OAMCM) Systems Maintenance Technician		C-102-0114		
8362 Unmanned Aerial Vehicle (UAV) External Pilot		C-104-0641 C-104-0642		
8361 Unmanned Aerial Vehicle (UAV) Systems Organizational Maintenance Technician		C-690-0644 (AWF)		
8363 Unmanned Aerial Vehicle (UAV) Internal Pilot		CIN: C-104-0642		
8363 Unmanned Aerial Vehicle (UAV) Internal Pilot		C-104-0642		

JOB DESCRIPTION

Aircrewmembers Mechanical (AWF) are members of a fixed wing integrated tactical crew aboard the C-2, C-9, C-12, C-20, C-37, C-40, C-130, E-6, and P-3. Perform primary in-flight and ground duties as aircraft Flight Engineer/Crew Chief, Loadmaster, Reel Operator, and Aircrews Readiness Manager. Perform aircraft maintenance, weight and balance calculations and aircraft systems rigging. In addition, they perform Aircrew administration, Flight/Ground training, cargo movement, medical evacuations (MEDEVAC), passenger transport, small arms and Joint Special Warfare operations. Perform aircrew duties that contribute directly to operations for the purposes of attaining and maintaining the squadron's aircrew qualifications and certifications. Personnel are knowledgeable of all aircraft systems, passenger and cargo handling, safety procedures and equipment, federal and military regulations for passenger transport, emergency procedures and aircraft equipment. The Air Warfare Systems Engineer's must have a final secret security clearance and be eligible to obtain higher security clearance as required.

RECOMMENDED BILLET ASSIGNMENTS

C-130 Flight Mechanic - Performs in-flight duties as a C-130 Flight Mechanic.

C-130 Second Loadmaster - Performs in-flight duties as a loadmaster assistant. Performs maintenance, rigging, and in-flight functions of internal cargo handling for C-130 aircraft. Personnel are knowledgeable of aircraft systems, passenger handling, safety procedures and equipment, federal and military regulation for passenger transport, emergency procedures and aircraft equipment.

C-130 Loadmaster - Performs in-flight duties as a Loadmaster in the C-130 aircraft. Performs and supervises the loading, rigging, and weight and balance calculations for internal cargo on C-130 aircraft. Is knowledgeable of aircraft systems, aircraft flight procedures and in-flight emergency procedures.

C-12 Transport Aircrewman - Performs in-flight functions as assigned in support of mission.

E-6B REEL System Operator - Performs in-flight operation of the E-6B Dual trailing wire antenna system.

Loadmaster - Performs in-flight duties as a Loadmaster in C-9, C-20, and C-40A aircraft. Performs and supervises loading, rigging, weight and balance, and inflight functions of internal cargo handling and hazardous material for fixed wing aircraft. Is knowledgeable of aircraft systems, emergency procedures and flight equipment.

C-2 Transport Aircrewman - Performs in-flight duties as a transport aircrewman on C-2 aircraft. Performs and supervises inspections, maintenance, loading, rigging, internal cargo handling and weight and balance. Is knowledgeable of aircraft systems, emergency procedures and flight equipment.

P-3 Flight Engineer - Performs in-flight duties as a P-3 flight engineer. Is knowledgeable of all aircraft systems, emergency procedures and flight equipment.

C-40A Crew Chief - Performs in-flight duties as a C-40A Crew Chief, knowledgeable of all aircraft systems, emergency procedures and flight equipment

C-9 Crew Chief - Performs in-flight duties as a C-9 flight engineer. Is knowledgeable of all aircraft systems, emergency procedures and flight equipment.

C-20/C-37 Crew Chief - Performs in-flight and ground duties as a Gulfstream III/IV/V Flight Engineer/Mechanic. Is knowledgeable on all aircraft systems, emergency procedures, and flight equipment.

C-130 Flight Engineer - Performs in-flight duties as a C-130 flight engineer. Is knowledgeable of all aircraft systems, emergency procedures and flight equipment.

E-6B Flight Engineer - Performs in-flight duties as an E-6B Flight Engineer.

Unmanned Aerial Vehicle (UAV) External Pilot - UAV External Pilot directly controls the flight of the UAV during launch and recovery operations by visual reference to the UAV.

Unmanned Aerial Vehicle (UAV) Systems Organizational Maintenance Technician - Performs organizational level maintenance on UAV systems and support equipment.

Unmanned Aerial Vehicle (UAV) Internal Pilot - Operates and navigates UAV during the enroute, mission, and return phase of flight.

PERSONAL AND PROFESSIONAL DEVELOPMENT (to be filled in at reporting Career Development Board)

Ultimate Duty Station Sponsor: _____ Command Indoctrination Course: _____
Phone Number/Address _____ Command Indoctrination Coordinator: _____

Mentor: _____ Career Counselor _____
Phone Number/Location: _____/_____ Phone Number/Location _____/_____

ADSD: _____ REPORT DATE: _____ EAOS: _____ PRD : _____ SEA / SHORE: _____/_____

PAYGRADE E5 (3 years time in service required for paygrade E-6) SECURITY CLEARANCE _____
Elig Advancement Date: _____ Rating Courses: _____ Number of times up: _____
Three NON SELECT - Career Development Board date: _____ Date Advanced: _____ HYT Date: _____

Advancement Center: Bibliography for Advancement Study
Advancement Handbooks
Correspondence Courses
Catalog of Courses
Enlisted Advancement Exam Strategy Guide
Profile Sheets
Exam Discrepancy List
Visit Navy Advancement Website: <https://www.advancement.cnet.navy.mil>

Eligible Commissioning Programs:

Seaman to Admiral 21(STA-21)
Naval Academy
Naval Academy Preparatory School (NAPS)
Officer Candidate School (OCS)
Medical Enlisted Commissioning Program (MECP)

Reference: Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series)

Career Management Calendar: <https://www.nko.navy.mil/portal/careermanagement/home/careermanagementcalendar>

NOTE: Once you go to this address, you will be prompted to login to NKO and then it will automatically load the calendar.

RECORD REVIEW CHECK LIST

Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This is a great opportunity to meet with your Mentor, Leading Petty Officer or Leading Chief Petty Officer to understand the importance of keeping your record up-to-date. Check the following three major sections to verify your Official Record:

a) **BUPERS Online** BUPERS Online (<https://www.bol.navy.mil>) is your main tool to ensure your record is up to date and helps you to be proactive in making the most of your promotion opportunity. You should review your;

1) **Web Enabled Record Review (WERR)** All active duty and reserve personnel having a BOL account, a CAC (with appropriate certificates) and a CAC-enabled computer can now view their Official Military Personnel File (OMPF) online by selecting the web enabled record review option on the BOL main menu page. WERR is the preferred method of obtaining OMPF information to eliminate the unnecessary time-lags caused by waiting days or weeks to receive a requested CD ROM.

2) **If Deployed:** Click on **“Request Record on CD”** to order your Official Military Personnel File (OMPF). This must be accomplished four to six months before a board convenes, which will allow time for delivery and updating of your record if required.

3) Check your **Performance Summary Record (PSR)** and **Enlisted Summary Record (ESR)** on <https://www.bol.navy.mil> click on “ODC, OSR, PSR, ESR” link

b) **Electronic Service Record (ESR)** Self-Service ESR: This can be viewed at (<https://nsips.nmci.navy.mil>) or on the Navy Standard Integrated Personnel System (NSIPS) ESR server onboard ship.

c) **Electronic Training Jacket (ETJ)** Log-on to Navy Knowledge Online (NKO) and review your entire ETJ making sure that each section is correct. If not click on "Data Problems" on bottom of each page which will guide you on how to make corrections or updates.

CAREER DEVELOPMENT BOARDS:

Reporting _____ (within 30 days)
6 Month progress check _____
Advancement 6 MOS Prior to Exam _____ PNA 3 times _____ Failed _____ Non Select 3 times _____
Selection Board Ineligible _____ Standard Score of 40 and Below _____
Commissioning Programs Applications: _____ (prior to submission, command endorsement)
HYT: 24 months _____ 12 months _____ HYT Waivers _____
Rating Conversion _____ Rating Reversion _____
Navy Formal Training Schools Request ("A"/"C" etc) _____
Drilling Reservists _____
Active Duty for Special Work (ADSW) _____
Education _____ (prior to establishing Education Plan with NCO)
PTS _____ (15 months prior to EAOS) (6 months – if not approved)
Early Separation _____
F/R Retire Options _____
CSB _____ (when election message received)
Every Physical Fitness Test Failure _____
At members own request _____
Other _____

QUALIFICATIONS AND CERTIFICATIONS

SHIP FF _____ AVIATION FF _____
DC _____ ADV DC _____ DCTT _____
3M 301 _____ 302 _____ 303 _____ 304 _____

WATCH STANDING: MOOW _____ POOW _____
Rating Specific Department Qualifications: _____/_____/_____/_____/_____/_____/_____/_____
Personal Qualification Standards: Rating: _____/_____/_____/_____/_____/_____/_____/_____
Other: _____/_____/_____/_____/_____/_____/_____/_____
Advanced: ESWS _____ EAWS _____ SCW _____ SS _____ DV _____ EXW _____
OTHER _____

Verify electronic training jacket (ETJ) and Sailor/Marine American Council on Education Registry Transcript (SMART) by logging into your Navy Knowledge Online (NKO).

- Civilian Equivalents (Pending Navy COOL review)
- National Certification (Pending Navy COOL review)
- Embedded Certifications (Pending Navy COOL review)
- Advanced/Specialized and Other Certifications (Pending Navy COOL review)
- Federal Licensure (Pending Navy COOL review)
- Embedded Federal Licenses (Pending Navy COOL review)
- Advanced/Specialized and Other Federal Licenses (Pending Navy COOL review)
- State Licensure (Pending Navy COOL review)
- Apprenticeship (Pending USMAP review)

USMAP (UNITED SERVICES MILITARY APPRENTICESHIP PROGRAM):

You can browse <https://usmap.cnet.navy.mil/usmapss/static/usmap.jsp> for information on this program

STAY NAVY

VISIT YOUR CAREER COUNSELOR

15 MONTH CDB_____

REENLIST / EXTEND:

Request Chit/Form_____ Perform to Serve (PTS)_____ Selective Conversion and Reenlistment (SCORE) _____
Reserve Selective Conversion and Reenlistment (RESCORE)_____ Selective Training and Reenlistment
(STAR)_____ Guaranteed Assignment in Detailing (GUARD2000)_____ School as a Reenlistment Incentive _____
Career Management System (CMS/ID)_____ Medical/Dental_____ Command Recommendation (eval)_____
Bonus_____ Ceremony_____ Complete ARGUS Survey _____ **Access survey at <http://www.npc.navy.mil> and clicking on the BOL link on the right-hand side or by going directly to <https://www.bol.navy.mil>. Once logged in to BOL, the ARGUS survey can be accessed from the main BOL menu.**

FLEET RIDE:

Fleet RIDE is designed for Fleet use in support of Perform to Serve (PTS). Fleet RIDE assists Fleet Career Counselors, Enlisted Community Managers (ECMs), and CREO personnel with reclassification and career guidance by providing the best match of a Fleet Sailor’s qualifications and interests to meet Navy requirements for rating assignment/conversions.

- View and update all Sailor attribute data/rating eligibility criteria and force shaping tools within the Fleet RIDE database
- Qualify the Sailor to view eligibility for any and All ratings
- View and add career counselor notes
- Request applicable data transfer to conversion packages (PTS Spreadsheet) with no retyping of data
- Fleet RIDE, in the PTS conversion process, contributes to the balance of Navy Rating skill mix and helps improve:
 - Community Management
 - Career opportunities for Sailors
 - Fleet readiness
 - Conversion process by reducing time and errors
 - Command CDB/PDBs process
 - Sailor-NC career counseling

TRANSFER:

15 MOS	12 MONTHS	9 MOS	6 MONTHS	ORDERS REC
PTS_____	PTS_____	PTS_____	Accept Orders_____	Screening_____
EFM_____	EFM_____	CMS/ID_____	Reverse Sponsor_____	Obligate_____
CMS/ID_____	CMS/ID_____	SRB_____	Relocation (FFSC)_____	Bonus_____
COT_____	OTEIP_____			Medical/Dental_____
	SRB_____			

SEPARATING/RETIRE

<u>18 -12 months</u>	<u>6 months</u>	<u>90 days</u>	<u>30 days</u>
Attend TAP/RTAP_____	MED/DEN _____	Copy of Records_____	Copy of Records _____
Complete DD2648PSD_____	Relocation _____	Microfiche CD_____	PSD_____
NKO Course (CNET12423) _____	Relocation Services (FFSC) _____	Arrange Ceremony_____	MED/DEN _____
Transition Planning_____	Reserve Affiliation_____	Complete Argus Survey_____	
	VA/DVA_____	Request Leave / PTDY _____	

PROFESSIONAL MILITARY EDUCATION

(Resident and non-resident coursework designed to enhance a Sailor’s general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment VISIT YOUR NAVY COLLEGE OFFICE!!!)

Education Plan Completed _____ (Navy College Office)
 Current Education Level _____
 Degree Goal _____
 Distance Learning-Sailor and Marine Online Academic Advisor (SMOLAA) _____
 Goal Date: AA/AS _____ BA/BS _____ Master _____ Doctorate _____
 Number of current credits _____
 American Council on Education (ACE) recommended credits _____
 (Credits for degree - AA/AS: 60 SEM 90 QTR BA/BS: 120 SEM-180 QTR Master /Doctorate: based upon discipline)
 SOCNAV Agreement _____ SMART Transcripts _____ HS Transcripts _____ College Transcripts _____
 Date Degree Obtained: AA/AS _____ BA/BS _____ Master _____ Doctorate _____

For entry into SMART, Send official transcripts to:
 Navy College Center
 VOLED Detachment, N211
 Center for Personal and Professional Development
 6490 Saufley Field Road
 Pensacola, FL 32509-5204

VOLUNTARY EDUCATION

(Study guides and exam preparations and practice test located on NKO)

Academic Skills _____ NCPACE _____ CLEP _____ DANTES _____ TA _____ MGB _____

E5 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Required General Military Training (GMT)	NKO			
Driving for Life	NKO	CPD-DFL-01 / US	5 Hours	
DON/DOD Information Assurance Training	NKO	DOD-IAA-V5.0 / DOD	1 Hour	
Trafficking in Persons Basic Awareness Training	NKO	jkddc-tip-1 US / US DON	4 Hours	
ATFP Level I Awareness for Service Members (CONUS)	NKO	CANSF-ATFP- CONUS-1.0 / DON	1 Hour	
ATFP Level I Awareness Training for Overseas Service Member (OCONUS)	NKO	CANSF-ATFP- OCONUS-1	1 Hour	
Petty Officer First Class Selectee Leadership Course-Phase One	Command Delivered	CPPD-LEAD09-003	3 x 4 Hour Modules	
Petty Officer First Class Selectee Leadership Course-Phase Two	Command Delivered	CPPD-LEAD09-003	5 x 2 Hour Modules	
Leadership Currency Course (LCC)	Command Delivered		20 Hours	
ADAMS for Supervisors	Various Locations	S-501-0120	8 Hours	

E5 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E5 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Basic Enlisted Professional Military Education (IEPME)	NKO	Military DON/ PME	20 Hours Total	
Block 1 Basic EPME - Introduction	NKO	EPME-BASIC-B1		
Block 2 Basic EPME - Navy History and Heritage	NKO	EPME-BASIC-B2		
Block 3 Basic EPME - The Navy Professional	NKO	EPME-BASIC-B3		
Block 4 Basic EPME - Organization and Guidance	NKO	EPME-BASIC-B4		
Block 5 Basic EPME - Planning	NKO	EPME-BASIC-B5		
Block 6 Basic EPME - Regional Expertise and Cultural Awareness	NKO	EPME-BASIC-B6		
Block 7 Basic EPME - Technology for the Warfighter	NKO	EPME-BASIC-B7		
Block 8 Basic EPME - Conclusion	NKO	EPME-BASIC-B8		
Navy Career Tools (Tutorials & Support)	NKO	NAVAIR-NCT-001	2 hours	
Navy Reserve Fundamentals for Active Duty Course	NKO	NAVRESFOR-NRF-2.0	10 hours	
Nutrition	NKO	NMHCI2107V2.1	1 hour	
ORM All Navy Fundamentals	NKO	CPD-GMT07-011	1 hour	
College/Certification Testing Programs Reviews	NKO			
Culture	NKO or College Course	Foreign Language and Culture	45 hrs	
Communication	College Course		45 hrs	
Eng 101	College Course		45 hrs	
Eng Reading	College Course		45 hrs	
Eng Writing	College Course		45 hrs	
Geography	College Course		45 hrs	
History	College Course		45 hrs	
Humanities	College Course		45 hrs	
Language and Literature Study Guides	College Course		45 hrs	
Math	College Course		45 hrs	
Physical Sciences	College Course		45 hrs	
Social Sciences	College Course		45 hrs	
Speech	College Course		45 hrs	

Courses With Recommended Reserve Points:

Click this link for an Excel file of all Navy E-Learning courses offering "RECOMMENDED" reserve points. **NOTE:** Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy E-Learning. This listing should only be used as a guide and is subject to change by direction of CNRF N7. **Navy E-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNRF N7.**
https://file-lms-cont01.nko.navy.mil/training/Courses_With_Recommended_Reserve_Points.xls

RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
NROWS Orders Administration Course	NKO	R-500-0140/02PG /DoN	8 hours	
Naval Reserve Center Commanding Officer Officer In Charge	NKO	CNRF-COOIC-1.0 /DoN	8 hours	
Guidance for Mobilization	NKO	CNRF-GMB-1.1 /DoN	4 hours	

Military Sealift Command 101	NKO	CNRFC-MSC101 /DoN 1.1	24 hours	
Non-Prior Service Accession Program	NKO	CNRFC-NPSAP-2 /DoN 0	23 hours	

RECOMMENDED COMMUNITY PME:

Course Title	Date Completed
BUPERSINST 1326.4, ADMINISTRATION OF ENLISTED FLIGHT ORDERS, CAREER ENLISTED FLYER INCENTIVE PAY (CEFIP), AND HAZARDOUS DUTY INCENTIVE PAY (HDIP) FOR AERIAL FLIGHT	
COMNAVAIRFORINST 4790.2A, NAVAL AVIATION MAINTENANCE PROGRAM (NAMP); APP E; CHAP 3, 5, 6, 7, 10, 14	
JOINT PUB 3-50, PERSONNEL RECOVERY	
NAVAIR 00-25-100, NAVAL AIR SYSTEMS COMMAND TECHNICAL MANUAL PROGRAM; WP 003 00	
NAVAIR 00-80R-14, NATOPS U. S. NAVY AIRCRAFT FIREFIGHTING AND RESCUE MANUAL; CHAP 3	
NAVAIR 00-80T-101, NAVAIR 00-80T-101 NATOPS SURVIVAL MANUAL; CHAP 2, 3	
NAVAIR 01-1A-509-1, CLEANING AND CORROSION CONTROL, VOLUME I, CORROSION PROGRAM AND CORROSION THEORY; CHAP 1, 2, 3	
NAVAIR 01-1A-509-2, CLEANING AND CORROSION, VOLUME II, AIRCRAFT; CHAP 2, 3, 8	
NAVAIR 01-1A-509-3, CLEANING AND CORROSION CONTROL, VOLUME III, AVIONICS AND ELECTRONICS; CHAP 10	
NAVAIR 01-1A-8, ENGINEERING MANUAL SERIES AIRCRAFT AND MISSILE REPAIR STRUCTURAL HARDWARE; CHAP 4	
NAVAIR 01-1B-50, USN AIRCRAFT WEIGHT AND BALANCE CONTROL; APP A; CHAP 1, 4, 6	
NAVAIR 04-10-506, INSPECTION, MAINTENANCE, REPAIR, STORAGE AND DISPOSITION INSTRUCTIONS - ORGANIZATIONAL, INTERMEDIATE AND DEPOT MAINTENANCE - AIRCRAFT TIRES AND TUBES; SEC Sec 3	
NAVAIR 13-1-6.4-1, AVIATION-CREW SYSTEMS OXYGEN SYSTEMS; CHAP 14	
NAVAIR 13-1-6.5, AVIATION-CREW SYSTEMS RESCUE AND SURVIVAL EQUIPMENT; CHAP 9	
NAVAIR 15-01-500, ORGANIZATIONAL, INTERMEDIATE AND DEPOT MAINTENANCE PRESERVATION OF NAVAL AIRCRAFT; CHAP 1, 2, 7, 8	
NAVAIR 16-30PRC149-1, OPERATION AND MAINTENANCE INSTRUCTIONS WITH ILLUSTRATED PARTS BREAKDOWN AN/PRC-149 RADIO SET; CHAP 3	
NAVAIR 16-35PRC112-1-1, OPERATION AND INTERMEDIATE MAINTENANCE INSTRUCTIONS WITH IPB RADIO SET AN/PRC-112B	
NAVEDTRA 14008, AVIATION MACHINIST'S MATE 3 & 2; CHAP 1, 4, 5, 8, 10	
NAVEDTRA 14009, AVIATION ELECTRICIAN'S MATE 3 & 2; CHAP 4, 5, 6	
NAVEDTRA 14014, AIRMAN; CHAP 4, 6, 7, 10	
NAVEDTRA 14022, AVIATION MAINTENANCE RATINGS; CHAP 2, 4, 5, 6, 7	
NAVEDTRA 14105, FLUID POWER; CHAP 4, 9	
NAVEDTRA 14217, AIRCREW SURVIVAL EQUIPMENTMAN 1 & C; CHAP 5	
NAVEDTRA 14315, AVIATION STRUCTURAL MECHANIC; CHAP 2, 3, 16	
NAVEDTRA 14318, AVIATION ELECTRICITY AND ELECTRONICS--MAINTENANCE FUNDAMENTALS; APP A	
NAVEDTRA 14323, AVIATION ELECTRICITY AND ELECTRONICS--POWER GENERATION AND DISTRIBUTION; CHAP 2	
NAVEDTRA 14324, GUNNER'S MATE; CHAP 3	
NAVEDTRA 14327, AVIATION STRUCTURAL MECHANIC E; CHAP 7	
OPNAVINST 1542.7, CREW RESOURCE MANAGEMENT PROGRAM	
OPNAVINST 3120.32, STANDARD ORGANIZATION AND REGULATIONS OF THE U.S. NAVY (SORM); CHAP 3	
OPNAVINST 3710.7, NATOPS GENERAL FLIGHT AND OPERATING INSTRUCTIONS; APP A, D; CHAP 3, 4, 8, 10, 12	

OPNAVINST 3750.6, NAVAL AVIATION SAFETY PROGRAM; CHAP 2	
OPNAVINST 5100.23, NAVY SAFETY AND OCCUPATIONAL HEALTH (SOH) PROGRAM MANUAL	

COLLEGE COURSES AND DEGREES (See Education Section)

You are recommended to contact your local Navy College Counselor to map your college roadmap for a college degree. Here you will review with a counselor your previous college credits, SMART transcript and provide you guidance in the degree of your choice and steps which you need to take for completion of your goal.

NAVY PROFESSIONAL READING PROGRAM:

The purpose of the Navy Reading Program is to facilitate the professional and personal development of all sailors, seaman to admiral, active and reserve. Simply reading for pleasure is certainly encouraged, but the NPRP will facilitate reading material that may help develop skills and abilities that can be helpful in both your professional and personal lives.

<http://www.navyreading.navy.mil/>

LEADING PETTY OFFICERS COLLECTION

Title	Completed
American Government, by Robert A. Heineman, Steven A. Peterson, and Thomas H. Rasmussen	
Billy Budd and Other Stories, by Herman Melville	
The Caine Mutiny, by Herman Wouk	
The Crisis of Islam: Holy War and Unholy Terror, by Bernard Lewis	
The Last Stand of the Tin Can Sailors: The Extraordinary World War II Story of the U.S. Navy’s Finest Hour, by James D. Hornfischer	
Not a Good Day to Die: The Untold Story of Operation Anaconda, by Sean Naylor	
Shackleton’s Way: Leadership Lessons From the Great Antarctic Explorer, by Margot Morrell and Stephanie Capparell	
The Sheriff: America’s Defense of the New World Order, by Colin S. Gray	
The Tipping Point: How Little Things Can Make a Big Difference, by Malcolm Gladwell	
To the Shores of Tripoli: The Birth of the U.S. Navy and Marines, by A.B.C. Whipple	
Victory at Yorktown: The Campaign That Won the American Revolution, by Richard M. Ketchum	
D-Day, June 6, 1944 The Climactic Battle of World War II, by Stephen E. Ambrose	
The Elephant and the Dragon, by Robyn Meredith	

RECOMMENDED COMMUNITY READING

Title	Completed
The Age of Orion – The Lockheed P-3 Story, by David Reade	
Adak – The rescue of Alfa Foxtrot 586, by Andrew C. A. Jampoler	
My Life as a Spy , by John A. Walker	
The Hunt For Red October, by Tom Clancy	
Stalking the Red Bear – The True Story of a U.S. Cold War Submarine’s Covert Operations Against the Soviet Unio, by Peter Sasqen	
Stealth Boat – Fighting The Cold War in a Fast Attack Submarine, by Gannon McHale	
Blind Man’s Bluff – The Untold Story of American Submarine Espionage, by Sherry Sontag	
Thirteen Days – A Memoir of the Cuban Missile Crisis, by Robert F. Kennedy	
Janes – Fighting Ships	
Janes – Marine Propulsion	
Janes – All of the World’s Aircraft	
Janes – Underwater Warfare Systems	

REFERENCES

Navy Enlisted Learning and Development Programs:

- Learning and Development Roadmap for Enlisted Sailors, OPNAVINST 1500.77(series)
- Navy Retention and Career Development Program, OPNAVINST 1040.11(series)
- Career Counselor Handbook, NAVPERS 15878
- Command Sponsor and Indoctrination Program OPNAVINST 1740.3(series) (Sponsor assigned within 10 days of orders received / Indoctrination completed as soon as possible and practicable but NLT 90 days)
- Command Sponsorship of Dependents at Overseas Duty MILPERSMAN 1300-150 to 1300-210
- Guaranteed Assignment Retention Detailing Program GUARD 2000, MILPERSMAN 1306-1002/1004
- Enlisted Surface Warfare Specialist Qualification (ESWS) OPNAVINST 1414.1(series)
- Enlisted Aviation Warfare Specialist (EAWS) Qualification Program OPNAVINST 1414.2(series)
- Diving Salvage Warfare Specialist (DSWS) Qualification OPNAVINST 1414.3(series)
- Enlisted Naval Special Warfare Combatant-Craft Crewman (SWCC) OPNAVINST 1414.5(series)
- Enlisted Explosive Ordnance Disposal Warfare Specialist (EWS) Qualification OPNAVINST 1414.8(series)
- Enlisted Expeditionary Warfare (EXW) Specialist Qualification Program OPNAVINST 1414.7(series)
- Navy Enlisted Fleet Marine Force Warfare Specialist (FMF) OPNAVINST 1414.4(series)
- Submarine Service (SS) COMSUBLANT/PACINST 1552.16(series) / MILPERSMAN 1200-010
- Seabee Combat Warfare Specialist (SCWS) OPNAVINST 1410.1(series)
- Master Training Specialists (MTS) NETCINST 1500.2(series)

Reenlistments and Extensions:

- Agreement of Enlisted Naval Reservist, Inductees and Fleet Reservists to remain on Active Duty MILPERSMAN 1160-060
- ARGUS Career Milestone Tracking System OPNAVINST 1040.10(series)
 - (Prior to every reenlistment, separation and retirement)
- Career Reenlistment Objectives (use latest CREO NAVADMIN)
- Extension of Enlistment MILPERSMAN 1160-040
- Perform to Serve (PTS) MILPERSMAN 1440-060
- Reenlistment Ceremony MILPERSMAN 1160-020
- Reenlistment Leave MILPERSMAN 1050-040
- Required Counseling upon Enlistment and Reenlistment MILPERSMAN 1160-031
- Selective Conversion and Reenlistment (SCORE) Program MILPERSMAN 1160-090
- Selective Reenlistment Bonus (Use Latest SRB NAVADMIN)
- Selective Training and Reenlistment (STAR) Program MILPERSMAN 1160-100
- School as a Reenlistment Incentive MILPERSMAN 1306-1006

Fleet Reserve and Retirements:

- ARGUS Career Milestone Tracking System OPNAVINST 1040.10(series) (Prior to every reenlistment, separation and retirement)
- Casualties and Survivor Benefits (SBP) MILPERSMAN 1770 to 1770-250
- Disability Retirement MILPERSMAN 1850-020 to 1850-040
- Fleet Reserve and Retirement MILPERSMAN 1800-010 to 1800-070
- Household Goods and Personal Property (PCS and Retirees) MILPERSMAN 4050-010 to 020
- Permissive Temporary Duty (PTDY) MILPERSMAN 1320-220
- Transition Assistance Management Program OPNAVINST 1900.2(series) (Initiate a DD-2648-1 NLT 90 Days Prior to Separation and attend workshop 12 months prior to separation/Fleet Reserve/Retirement date)

Enlisted Administrative Separations:

- Alcohol Rehabilitation Failure MILPERSMAN 1910-152
- Drug Abuse MILPERSMAN 1910-146
- Early release to further education MILPERSMAN 1910-108
- Enlisted Administrative Separation Policy MILPERSMAN 1910-010 to 1910-812
- Fraudulent Enlistment MILPERSMAN 1910-134
- High Year Tenure (HYT) AC MILPERSMAN 1160-120 / RC 1160-130
- Misconduct (various reasons) MILPERSMAN 1910-138/140/142

- Parenthood and Pregnancy SECNAVINST 1000.10(series) & MILPERSMAN 1910-124
- Personality Disorder MILPERSMAN 1910-122
- Physical Fitness Assessment Failure MILPERSMAN 1910-170
- Serious Offense MILPERSMAN 1910-142
- Unsatisfactory Performance MILPERSMAN 1910-156

Advancement & Service Schools:

- Advancement BUPERSINST 1430.16(series)
- Accelerated Advancement MILPERSMAN 1430-010
- Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series)
- Service Schools 1306-600/602/604/608
- Class “A” School & Rating Entry Requirements MILPERSMAN 1306-618
- Retesting with the Armed Forces Classification Test version of the Armed Services Vocational Aptitude Battery (ASVAB) MILPERSMAN 1236-010
- Professional Apprenticeship Tracks Program (PACT) NAVADMIN 318/07

Education:

- Joint Chiefs Professional Military Education (PME) Manual 1805.01
- Navy Voluntary Education Program (Navy Campus) OPNAVINST 1560.9(series)
- Tuition Assistance Management Controls NAVADMIN 161/07 / NETC LTR Execution Guidelines 1560 Ser N00178, Aug 07
- Navy Credentialing Program OPNAVINST 1540.56
- Uniformed Services Military Apprenticeship Programs OPNAVINST 1560.10(series)

Other Quick References:

- Change in Rank, Rate or Rating MILPERSMAN 14440-010 to 14440-050
- Drug and Alcohol Prevention Control Program OPNAVINST 5350.4(series)
- Exchange of Duty (SWAPS) MILPERSMAN 1306-700
- First Term Personnel Assignment Policy MILPERSMAN 1306-126
- Individual Augmentation (IA) Policy and Procedures OPNAVINST 1001.21(series)
- Military Couple and Single Parent Assignment Policy MILPERSMAN 1300-1000
- Military Pay MILPERSMAN 7220-010 to 7220-390
- Overseas tour Extensions MILPERSMAN 1300-310
- Physical Readiness Program OPNAVINST 6110.1(series) / MILPERSMAN 6100-6199
- Reassignment for Humanitarian reasons (HUMS) MILPERSMAN 1300-500
- Standard Policy and Procedures for the Active Duty for Special Work (ADSW) & 1 year Recall Program OPNAVINST 1001.20(series)