



PERSONNEL QUALIFICATION STANDARD

FOR

ENLISTED AVIATION WARFARE SPECIALIST (EAWs), COMMON CORE

NAME (Rate/Rank) _____

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Although the words “he,” “him,” and “his” are used sparingly in this manual to enhance communication, they are not intended to be gender driven nor to affront or discriminate against anyone reading this material.

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PREFACE

Warfare Qualified Sailors are an essential element of our Navy's Operational Primacy. The objective of the Enlisted Aviation Warfare Specialist Program is to provide the candidate an introduction into the processes and topics necessary to support the warfighting requirements of our Navy. This personnel warfare qualification standard will focus on mission effectiveness, combat readiness and survivability as well as introducing an overall understanding of how an individual unit mission fits into and supports naval doctrine and its objectives. Experience shows it is essential that every warrior in our Navy be totally familiar with the mission of their command and be able to apply this knowledge to support the successful execution of the command's current and future missions.

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INTRODUCTION

PQS PROGRAM

This PQS program is a qualification system for officers and enlisted personnel where certification of a minimum level of competency is required prior to qualifying to perform specific duties. A PQS is a compilation of the minimum knowledge and skills that an individual must demonstrate in order to qualify to stand watches or perform other specific routine duties necessary for the safety, security or proper operation of a ship, aircraft or support system. The objective of PQS is to standardize and facilitate these qualifications.

CANCELLATION

This Standard cancels and supersedes NAVEDTRA 43423-D.

APPLICABILITY

This PQS is applicable to all enlisted personnel serving in aviation squadrons and units which are authorized to grant Enlisted Aviation Warfare Specialist designations IAW OPNAVINST 1414.2 (Series).

TAILORING

To command tailor this package, first have it reviewed by one or more of your most qualified individuals. Delete any portions covering systems and equipment not installed on your ship, aircraft or unit. Next, add any line items, fundamentals, systems and watchstations/workstations that are unique to your command but not already covered in this package. Finally, the package should be reviewed by the cognizant department head and required changes approved by the Commanding Officer or his designated representative. Retain the approved master copy on file for use in tailoring individual packages.

QUALIFIER

The PQS Qualifier is designated in writing by the Commanding Officer to sign off individual watchstations. Qualifiers will normally be E-5 or above and, as a minimum, must have completed the PQS they are authorized to sign off. The names of designated Qualifiers should be made known to all members of the unit or department. The means of maintaining this listing is at the discretion of individual commands. For more information on the duties and responsibilities of PQS Qualifiers, see the PQS Management Guide.

INTRODUCTION (CONT'D)

CONTENTS

PQS is divided into three sections. The 100 Section (Fundamentals) contains the fundamental knowledge or book learning necessary for satisfactory understanding of the watchstation/workstation duties. The 200 Section (Systems) is designed to acquaint you with the systems you will be required to operate at your watchstation/workstation. The 300 Section (Watchstations) lists the tasks you will be required to satisfactorily perform in order to achieve final PQS qualification for a particular watchstation/workstation. All three sections may not apply to this PQS, but where applicable, detailed explanations are provided at the front of each section.

REFERENCES

The references used during the writing of this PQS package were the latest available to the workshop, however, the most current references available should be used when qualifying with this Standard. Classified references may be used in the development of PQS. If such references are used, do not make notes in this book as answers to questions in this Standard may be classified.

TRAINEE

Your supervisor will tell you which watchstations/workstations you are to complete and in what order. Before getting started, turn to the 300 Section first and find your watchstation/workstation. This will tell you what you should do before starting your watchstation/workstation tasks. You may be required to complete another PQS, a school, or other watchstations/workstations within this package. It will also tell you which fundamentals and/or systems from this package you must complete prior to qualification at your watchstation/workstation. If you have any questions or are unable to locate references, contact your supervisor or qualifier. Good luck!

PQS FEEDBACK REPORTS

This PQS was developed using information available at the time of writing. When equipment and requirements change, the PQS needs to be revised. The only way the PQS Development Group knows of these changes is by you, the user, telling us either in a letter or via the Feedback Report contained in the back of this book. You can tell of us new systems and requirements, or of errors you find.

ACRONYMS USED IN THIS PQS

Not all acronyms or abbreviations used in this PQS are defined here. The Subject Matter Experts from the Fleet who wrote this Standard determined the following acronyms or abbreviations may not be commonly known throughout their community and should be defined to avoid confusion. If there is a question concerning an acronym or abbreviation not spelled out on this page nor anywhere else in the Standard, use the references listed on the line item containing the acronym or abbreviation in question.

AMO	Aircraft Maintenance Officer Assistant Maintenance Officer
ABO	Aviators Breathing Oxygen
ACC	Aircraft Controlling Custodian
AFM	Aviation Fleet Maintenance
APU	Auxiliary Power Unit
ASPA	Aircraft Service Period Adjustment
AUL	Authorized HM Use List
AVCAL	Aviation Consolidated Allowance List
CDI	Collateral Duty Inspector
CDQAR	Collateral Duty Quality Assurance Representative
CINC	Commander in Chief
CMC	Command Master Chief
CMEO	Command Managed Equal Opportunity
CNO	Chief of Naval Operations
CTPL	Central Technical Publications Library
DAPA	Drug and Alcohol Program Advisor
DTG	Date-Time-Group
EDVR	Enlisted Distribution and Verification Report
EM	End-user Manual
EMP	Electromagnetic Pulse
EOPS	Equal Opportunity Program Specialist
ESD	Electro-Static Discharge
FCF	Functional Check Flight
FOD	Foreign Object Damage
HUMG	Hazardous Materials Users Guide
IFF	Identification Friend or Foe
IPB	Illustrated Parts Breakdown
JCN	Job Control Number
LOGREQS	Logistics Requisitions
LOX	Liquid Oxygen
MAF	Maintenance Action Form
MCN	Maintenance Action Form Control Number
MCPON	Master Chief Petty Officer of the Navy

ACRONYMS USED IN THIS PQS (CONT'D)

MI	Maintenance Instruction
MIM	Maintenance Instruction Manual
MMCO	Maintenance/Material Control Officer
MMP	Monthly Maintenance Plan
MO	Maintenance Officer
MOV	Material Obligation Validation
MOVEREP	Movement Reports
MRC	Maintenance Requirement Card
MSDS	Material Safety Data Sheet
MTIP	Maintenance Training Improvement Program
NALCOMIS	Naval Aviation Logistics Command Management Information System
NAMP	Naval Aviation Maintenance Program
NAMPSOP	Naval Aviation Maintenance Program Standard Operating Procedures
NATO	North Atlantic Treaty Organization
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVOSH	Navy Occupational Safety and Health
NDI	Non Destructive Inspection
NRFI	Non-Ready for Issue
OFC	Operational Functional Category
OPREP	Operation(al) Report
OPTAR	Operating Target
ORM	Operational Risk Management
PMCS	Partial-Mission Capable Supply
PMIC	Periodic Maintenance Information Card
PMS	Planned Maintenance System
QA	Quality Assurance
QAR	Quality Assurance Representative
RF	Radio Frequency
SCC	Sequence Control Card
SECNAV	Secretary of the Navy
SHORECAL	Shore Consolidated Allowance List
SITREP	Situation Report
SM&R	Source, Maintenance, and Recoverability
SMQ	Special Maintenance Qualification
SORTS	Status of Requirements and Training Support
SSIC	Standard Subject Identification Code
TACAN	Tactical Airborne Navigation
TYCOM	Type Commander
WUC	Work Unit Code

100 INTRODUCTION TO FUNDAMENTALS

100.1 INTRODUCTION

This PQS begins with a Fundamentals section covering the basic knowledge and principles needed to understand the equipment or duties to be studied. Normally, you would have acquired the knowledge required in the Fundamentals section during the school phase of your training. If you have not been to school or if you need a refresher, the references listed at the beginning of the PQS will aid you in a self-study program. All references cited for study are selected according to their credibility and availability.

100.2 HOW TO COMPLETE

The fundamentals you will have to complete are listed in the watchstation (300 section) for each watchstation. You should complete all required fundamentals before starting the systems and watchstation portions of this PQS, since knowledge gained from fundamentals will aid you in understanding the systems and your watchstation tasks. When you feel you have a complete understanding of one fundamental or more, contact your Qualifier. If you are attempting initial qualification, your Qualifier will expect you to satisfactorily answer all line items in the fundamentals before signing off completion of that fundamental. If you are requalifying or have completed the appropriate schools, your Qualifier may require you to answer representative line items to determine if you have retained the necessary knowledge for your watchstation. If your command requires an oral board or written examination for final qualification, you may be asked any questions from the fundamentals required for your watchstation.

101 PROFESSIONAL LIBRARY

101.1 SUGGESTED READING

NO SINGLE BOOK OR GROUP OF BOOKS CONTAINED IN THIS FUNDAMENTAL SECTION IS INTENDED TO BE A MANDATORY READING ITEM WHEN COMPLETING THIS PQS MANUAL.

101.1.1 RECOMMENDED READING:

NAVEDTRA 12000, Airman
OPNAVINST 3710.7Q, NATOPS General Flight and Operating Instructions
Naval Aviation Guide, Naval Institute Press

.2 SUPPLEMENTAL READING:

THE FOLLOWING LISTS ARE INCLUDED AS A SOURCE OF SUPPLEMENTAL READING FOR PERSONNEL WHO DESIRE TO OBTAIN ADDITIONAL INFORMATION WHICH SUPPORTS THE HERITAGE AND DOCTRINE FUNDAMENTALS CONTAINED IN THIS COMMON CORE PQS MANUAL. ADDITIONALLY, THE INFORMATION CONTAINED IN THESE SUGGESTED READING BOOKS SHOULD NOT BE USED AS WRITTEN OR ORAL BOARD TESTING MATERIAL.

The MCPON's "Naval Heritage and Core Values" Reading List, Parts "A" and "B"

AS THE MCPON READING LIST IS UPDATED ANNUALLY, THE MOST CURRENT VERSION CAN BE FOUND IN THE MCPON DIRECTLINE PUBLICATION OR THROUGH THE INTERNET AT EITHER OF THE FOLLOWING WEB ADDRESSES :

www.chinfo.navy.mil/navpalib/mcpon/readguide.htm

www.history.navy.mil/faqs/faq46-7.htm

102 FIRST AID FUNDAMENTALS

References:

- [a] NAVEDTRA 12043, Basic Military Requirements
[b] NAVEDTRA 10669-C, Hospital Corpsman 3 & 2
-

102.1 State the three objectives of first aid. [ref. a, ch. 20]

(Signature and Date)

.2 State the three methods of controlling bleeding. [ref. a, ch. 20]

(Signature and Date)

.3 Identify an example of a pressure point. [ref. a, ch. 20]

(Signature and Date)

.4 Describe the symptoms and treatment for shock. [ref. a, ch. 20]

(Signature and Date)

.5 Describe the three classifications of burns. [ref. a, ch. 20]

(Signature and Date)

.6 State the symptoms and treatment for the following heat related injuries:
[ref. a, ch. 20]

- a. Heat exhaustion
- b. Heat stroke

(Signature and Date)

.7 State the difference between an "open" and "closed" fracture. [ref. a, ch. 20]

(Signature and Date)

102 FIRST AID FUNDAMENTALS (CONT'D)

102.8 State the following as applied to electrical shock: [ref. a, ch. 20]

- a. Personnel rescue
- b. Treatment

(Signature and Date)

.9 Describe the methods for clearing an obstructed airway. [ref. a, ch. 20]

(Signature and Date)

.10 Describe the effects of the following cold weather injuries: [ref. b, ch. 4]

- a. Hypothermia
- b. Superficial frostbite
- c. Deep frostbite

(Signature and Date)

103 GENERAL SAFETY FUNDAMENTALS

References:

- [a] OPNAVINST 5100.23D, Navy Occupational Safety and Health Program Manual
 - [b] OPNAVINST 3750.6Q, Naval Aviation Safety Program
 - [c] OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. I
 - [d] NAVEDTRA 12971, Naval Safety Supervisor
 - [e] OPNAVINST 3500.39, Operational Risk Management
-

103.1 Define the purpose of the Naval Aviation Safety Program. [ref. b, ch. 1]

(Signature and Date)

.2 Explain the safety responsibilities of the following personnel:
[ref. d, ch. 1]

- a. Commanding Officer
- b. Aviation Safety Officer
- c. Ground Safety Officer
- c. Department Head
- d. Division Officer
- e. Safety Petty Officer
- f. All hands

(Signature and Date)

.3 Explain the functions of the Safety Council/Enlisted Safety Committee. [ref. b, ch. 2]

(Signature and Date)

.4 Discuss how the following contribute to aviation mishaps: [ref. d, ch. 3]

- a. Human error
- b. Maintenance and support factors
- c. Administrative and supervisory factors
- d. Material failures or malfunctions
- e. Environmental factors

(Signature and Date)

103 GENERAL SAFETY FUNDAMENTALS (CONT'D)

103.5 Define the following mishap classes: [ref. a, ch. 14]

- a. Class A
- b. Class B
- c. Class C
- d. Class D

(Signature and Date)

.6 State the objective of the Aviation Gas-Free Engineering Program. [ref. c, ch. 14]

(Signature and Date)

.7 Explain the hazards associated with Radio Frequency (RF) energy. [ref. a, ch. 22]

(Signature and Date)

.8 State the purpose of the Laser Safety Hazard Control Program. [ref. a, ch. 22]

(Signature and Date)

.9 Explain the purpose of a safety stand down. [ref. b, ch. 2]

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104 CHAIN OF COMMAND FUNDAMENTALS

References:

- [a] The Bluejackets' Manual, (Twenty-First Edition)
 - [b] NAVEDTRA 12000, Airman
-

104 CHAIN OF COMMAND FUNDAMENTALS (CONT'D)

104.4 Discuss the role of the following:

- a. Master Chief Petty Officer of the Navy (MCPON) [ref. a, ch. 9]
- b. Fleet Master Chief [ref. c, sec. E]
- c. Force Master Chief [ref. c, sec. E]
- d. Command Master Chief (CMC) [ref. c, sec. E; ref. d, ch. 3]

(Signature and Date)

105 NAVAL AVIATION HERITAGE AND DOCTRINE FUNDAMENTALS

References:

- [a] Naval Doctrine Publication, 1 Naval Warfare
 - [b] Naval Doctrine Publication, 2 Naval Intelligence
 - [c] Naval Doctrine Publication, 4 Naval Logistics
 - [d] Naval Doctrine Publication, 5 Naval Planning
 - [e] NAVEDTRA 12000, Airman
-

105.1 State the six areas of naval doctrine. [ref. a, Introduction]

(Signature and Date)

.2 Discuss how naval aviation supports the following warfare areas: [ref. e]

- a. Reconnaissance/surveillance [ch. 1]
- b. Antisubmarine [ch. 1]
- c. Amphibious assault [ch.1]
- d. Logistics support [ch.1]
- e. Search and rescue [ch.1]
- f. Mine warfare [ch. 2]

(Signature and Date)

.3 Discuss the conditions that led to the formation of the U. S. Navy. [ref. a, ch. 1]

(Signature and Date)

.4 State the qualities that characterize the Navy/Marine Corps team as instruments to support national policies. [ref. a, ch. 1]

(Signature and Date)

.5 State the three levels of war. [ref. a, ch. 2]

(Signature and Date)

105 NAVAL AVIATION HERITAGE AND DOCTRINE FUNDAMENTALS (CONT'D)

105.6 Explain how Naval Intelligence Operations, more than any other service, support peace time operational decision making. [ref. b, ch. 3]

(Signature and Date)

.7 State the mission of Naval Logistics. [ref. c, ch. 1]

(Signature and Date)

.8 State the importance of planning to Naval Operations. [ref. d, ch. 1]

(Signature and Date)

.9 Discuss the importance of the following conflicts as they relate to naval aviation:
[ref. e, ch. 1]

- a. Coral Sea
- b. Midway
- c. Guadalcanal

(Signature and Date)

.10 Discuss the significance of 8 May 1911, as it applies to naval aviation. [ref. e, ch. 1]

(Signature and Date)

.11 State the name of the first aircraft carrier. [ref. e, ch. 1]

(Signature and Date)

.12 What was the first jet powered naval aircraft? [ref. e, ch. 1]

(Signature and Date)

.13 Who was the first naval aviator in space? [ref. e, ch. 1]

(Signature and Date)

106 ENLISTED RATINGS FUNDAMENTALS

References:

- [a] The Bluejackets' Manual, (Twenty-First Edition)
[b] NAVEDTRA 12000, Airman
-

106.1 Identify and explain the purpose of the following aviation community ratings:
[ref. a, ch. 2; ref. b, ch. 1]

- a. AB
- b. AC
- c. AD
- d. AE
- e. AG
- f. AK
- g. AM
- h. AO
- i. AS
- j. AT
- k. AW
- l. AZ
- m. PR
- n. PH

(Signature and Date)

107 AVIATION FUNDAMENTALS

References:

- [a] NAVEDTRA 12000, Airman
 - [b] NAVEDTRA 12390, Air Traffic Controller
 - [c] OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. I
 - [d] NAVEDTRA 10401, Aviation Structural Mechanic E 2
 - [e] NAVEDTRA 12338, Aviation Structural Mechanic (H & S) 3 & 2
 - [f] NAVEDTRA 12300, Aviation Machinist's Mate 3 & 2
 - [g] NAVEDTRA 10348-G, Aviation Electrician's Mate 3 & 2
-

107.1 Describe the following terms pertaining to motion: [ref. a, ch. 3]

- a. Inertia
- b. Acceleration
- c. Speed
- d. Velocity

(Signature and Date)

.2 Define the following laws of motion: [ref. a, ch. 3]

- a. Newton's first law
- b. Newton's second law
- c. Newton's third law

(Signature and Date)

.3 Define Bernoulli's principle. [ref. a, ch. 3]

(Signature and Date)

.4 Discuss the following weather warnings and their effect on naval aviation:
[ref. b, ch. 2]

- a. Wind warning
 - 1. Small craft
 - 2. Gale
 - 3. Storm

107 AVIATION FUNDAMENTALS (CONT'D)

- 107.4
- b. Tropical cyclone warnings
 - 1. Tropical depression
 - 2. Tropical storm
 - 3. Hurricane/typhoon
 - c. Thunderstorm/tornado warnings
 - 1. Thunderstorm
 - 2. Severe thunderstorm
 - 3. Tornado

(Signature and Date)

.5 Describe the following aerodynamic terms: [ref. a, ch. 3]

- a. Lift
- b. Weight
- c. Drag
- d. Thrust
- e. Longitudinal axis
- f. Lateral axis
- g. Vertical axis

(Signature and Date)

.6 State the three primary movements of aircraft about the axis. [ref. a, ch. 3]

(Signature and Date)

.7 Identify and state the purpose of the primary flight controls for: [ref. a, ch. 3]

- a. Fixed wing aircraft
- b. Rotary wing aircraft

(Signature and Date)

.8 State the purpose of the following flight control surfaces: [ref. a, ch. 4]

- a. Flap
- b. Spoiler
- c. Speed brakes

107 AVIATION FUNDAMENTALS (CONT'D)

- 107.8 d. Slats
- e. Horizontal stabilizer
- f. Vertical stabilizer
- h. Tail rotor

(Signature and Date)

- .9 Explain the term angle of attack. [ref. a, ch. 7]

(Signature and Date)

- .10 Explain the term autorotation. [ref. b, app. 1]

(Signature and Date)

- .11 State the components of a basic hydraulic system. [ref. e, ch. 7]

(Signature and Date)

- .12 Describe and explain the purpose of the main components of landing gear. [ref. a, ch. 4]

(Signature and Date)

- .13 State the safety precautions used when servicing aircraft tires (on aircraft). [ref. e, ch. 11]

(Signature and Date)

- .14 State the five basic sections of a jet engine. [ref. a, ch. 6]

(Signature and Date)

107 AVIATION FUNDAMENTALS (CONT'D)

107.15 Describe the following engine systems: [ref. a, ch. 6]

- a. Turbojet
- b. Turboshaft
- c. Turboprop
- d. Turbofan

(Signature and Date)

.16 State the purpose of an afterburner. [ref. a, ch. 6]

(Signature and Date)

.17 State the NATO symbols for the following fuels and briefly explain the characteristics and reasons for the use of each: [ref. f, ch. 4]

- a. JP4
- b. JP5
- c. JP8

(Signature and Date)

.18 Describe the three hazards associated with jet fuel. [ref. f, ch. 4]

(Signature and Date)

.19 Describe the symptoms of fuel vapor inhalation. [ref. f, ch. 4]

(Signature and Date)

.20 Explain the purpose of the Auxiliary Power Unit (APU). [ref. a, ch. 7]

(Signature and Date)

.21 Identify the reasons for and methods of Non Destructive Inspection (NDI). [ref. c, ch. 10]

(Signature and Date)

107 AVIATION FUNDAMENTALS (CONT'D)

107.22 Discuss icing and its effects on the performance of naval aircraft. [ref. d, ch. 1]

(Signature and Date)

.23 State the purpose of the following: [ref. a, ch. 7]

- a. Pitot-static
- b. Airspeed indicator
- c. Altimeters
- d. Rate-of-climb
- e. Attitude indicator
- f. Turn and bank indicator
- g. Navigation systems
- h. Identification Friend or Foe (IFF)
- i. Radio Detection and Ranging (RADAR)
- j. Magnetic (standby) compass
- k. Communication systems

(Signature and Date)

.24 State the purpose of the following armament: [ref. a, ch. 8]

- a. Bombs
- b. Rockets
- c. Missiles
- d. Mines
- e. Torpedoes

(Signature and Date)

.25 Explain the purpose of the following: [ref. g, app. 1]

- a. Circuit breaker
- b. Fuse

(Signature and Date)

107 AVIATION FUNDAMENTALS (CONT'D)

107.26 Explain the following avionics terms: [ref. g, app. 1]

- a. Voltage
- b. Current
- c. Resistance

(Signature and Date)

108 AIRFIELD FAMILIARIZATION FUNDAMENTALS

References:

- [a] NAVEDTRA 12390, Air Traffic Controller
 - [b] NAVEDTRA 12368, Aviation Boatswain's Mate H 3 & 2
 - [c] NAVEDTRA 12000, Airman
 - [d] NAVAIR A1-NAOSH-SAF-000/P-5100-1, NAVAIROSH Requirements for the Shore Establishment
 - [e] OPNAVINST 3710.7Q, NATOPS General Flight and Operating Instructions
 - [f] NAVFAC P-80, Facility Planning Criteria For Navy and Marine Corps Shore Installations
-

108.1 Define the term aircraft handling. [ref. c, ch. 9]

(Signature and Date)

.2 State the purpose of standard aircraft taxi signals. [ref. b, ch. 3]

(Signature and Date)

.3 State the vehicle speed limits on the flight line and around the aircraft. [ref. b, ch. 11]

(Signature and Date)

.4 State the maximum towing speed of an aircraft. [ref. c, ch. 9]

(Signature and Date)

.5 Name the four categories of tie down requirements. [ref. c, ch. 9]

(Signature and Date)

.6 State the purpose of the emergency shore based recovery equipment. [ref. b, ch. 9]

(Signature and Date)

.7 State the purpose of the MA-1A overrun barrier. [ref. b, ch. 9]

(Signature and Date)

108 AIRFIELD FAMILIARIZATION FUNDAMENTALS (CONT'D)

108.8 State the minimum personal protective equipment required on flight line and ramp areas during the following operations: [ref. d, ch. 6]

- a. Routine maintenance
- b. Flight operations

(Signature and Date)

.9 Identify the safety hazard areas associated with the following:

- a. Intakes [ref. b, ch. 11]
- b. Exhaust (engine and APU) [ref. b, ch. 11]
- c. Propellers [ref. e, ch. 7]
- d. Rotor blades [ref. e, ch. 7]
- e. Hot brakes [ref. g, ch. 6]

(Signature and Date)

.10 Explain the significance of:

- a. Runway Numbering system [ref. a, ch. 7]
- b. Threshold markings [ref. a, ch. 7]
- c. Airfield Lighting system [ref. a, ch. 7]
- d. Runway/Taxiway Marking system [ref. a, ch. 7]
- e. Arm/dearm areas [ref. f, sec. 116-35]
- f. Overrun area [ref. a, ch. 7]
- g. Parking apron [ref. a, ch. 7]

(Signature and Date)

.11 Explain the purpose of the following:

- a. Wind indicator [ref. a, ch. 7]
- b. Airfield rotating beacon [ref. a, ch. 7]
- c. Tower visual communications [ref. a, ch. 7]
- d. Tactical Air Navigation (TACAN) system [ref. a, ch. 5]
- e. Crash/rescue [ref. a, ch. 11]
- f. Compass calibration pad [ref. a, ch. 7]
- g. Liquid Oxygen (LOX) exchange area [ref. f, sec. 121]

(Signature and Date)

109 NAVAL AIRCRAFT FUNDAMENTALS

References:

[a] NAVEDTRA 12000, Airman

109.1 State the primary mission of the following aviation communities: [ch. 2]

- a. HC
- b. HCS
- c. HM
- d. HS
- e. HSL
- f. HT
- g. VAQ
- h. VAW
- i. VC
- j. VF
- k. VFA
- l. VMFA
- m. VP
- n. VQ
- o. VR
- p. VRC
- q. VS
- r. VT
- s. VX/VXE

(Signature and Date)

.2 Identify the mission of the following naval aircraft: [ch. 2]

- a. AV-8 Harrier
- b. C-130 Hercules
- c. C-2 Greyhound
- d. C-20 Gulfstream
- e. C-9 Sky Train
- f. EA-6B Prowler
- g. E-2 Hawkeye
- h. C-12 Huron
- i. E-6 Mercury
- j. F/A-18 Hornet
- k. F-14 Tomcat
- l. H-2 Seasprite
- m. H-3 Sea King

109 NAVAL AIRCRAFT FUNDAMENTALS (CONT'D)

- 109.2
- n. H-46 Sea Knight
 - o. H-53 Sea Stallion
 - p. SH-60B Seahawk
 - q. SH-60F Oceanhawk
 - r. HH-60H Seahawk
 - s. P-3 Orion
 - t. S-3 Viking
 - u. TA-4 Sky Hawk
 - v. T-2 Buckeye
 - w. T-45 Goshawk
 - x. UH-1N Iroquois
 - y. T-34 Mentor
 - z. T-44 Pegasus
 - aa. F-5 Tiger II
 - ab. AH-1 Cobra

(Signature and Date)

110 AVIATION CAPABLE SHIPS FUNDAMENTALS

References:

[a] The Bluejackets' Manual, (Twenty-First Edition)

110.1 State the mission of each of the following classes of aviation capable ships: [ch. 13]

- a. AE
- b. AD
- c. AFS
- d. AS
- e. AO/AOE
- f. CG
- g. CV/CVN
- h. DD/DDG
- i. FFG
- j. LCC
- k. LHA
- l. LHD
- m. LPD
- n. LPH
- o. LSD
- p. MCS

(Signature and Date)

111 OTHER SHIPS AND SUBMARINES FUNDAMENTALS

References:

[a] The Bluejackets' Manual, (Twenty-First Edition)

111.1 Identify the primary mission of the following non-aviation capable ships: [ch. 13]

- a. ATF
- b. ARS
- c. ASR
- d. AR
- e. MCM
- f. MHC
- g. PC
- h. SSBN
- i. SSN

(Signature and Date)

112 CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL WARFARE FUNDAMENTALS

References:

- [a] OPNAV P-86-1-95, USN Chemical, Biological & Radiological (CBR) Defense/USMC Nuclear, Biological & Chemical (NBC) Defense Handbook
 [b] NWP 3-20-31, Surface Ship Survivability
-

112.1 Explain the following:

- a. Chemical warfare [ref. a, ch. 2]
- b. Biological warfare [ref. a, ch. 3]
- c. Radiological warfare [ref. a, ch. 4]

(Signature and Date)

.2 Describe the purpose of the following:

- a. MCU-2/P protective mask [ref. a, ch. 6]
- b. Chemical protective overgarment [ref. a, ch. 6]
- c. Wet-weather clothing [ref. a, ch. 6]
- d. Atropine/2 Pam chloride (Oxime) autoinjector [ref. a, ch. 8]
- e. IM-143 pocket dosimeter [ref. a, ch. 5]
- f. DT-60 personnel dosimeter [ref. a, ch. 5]

(Signature and Date)

.3 List the four types of chemical casualty agents and their physical symptoms. [ref. a, ch. 8]

(Signature and Date)

.4 Describe the following types of nuclear explosions: [ref. a, ch. 4]

- a. High altitude air burst
- b. Air burst
- c. Surface burst
- d. Shallow underwater burst
- e. Deep underwater burst

(Signature and Date)

**112 CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL WARFARE
FUNDAMENTALS (CONT'D)**

112.5 Describe the following effects of nuclear explosions: [ref. a, ch. 4]

- a. Blast
- b. Flash burns/blindness
- c. Radiation
- d. Electromagnetic Pulse (EMP)
- e. Blackout

(Signature and Date)

.6 Define/discuss Mission Oriented Protective Posture (MOPP).
[ref. b, ch. 11, apps. C thru E]

(Signature and Date)

**113 NAVAL AIR TRAINING AND OPERATING PROCEDURES
STANDARDIZATION (NATOPS) FUNDAMENTALS**

References:

[a] OPNAVINST 3710.7Q, NATOPS General Flight and Operating Instructions

113.1 Discuss the purpose of the Naval Air Training and Operating Procedures Standardization (NATOPS) Program. [ch. 1]

(Signature and Date)

.2 Explain general aircraft prestart precautions. [ch. 7]

(Signature and Date)

.3 State the meaning of the following terms as they apply to NATOPS: [ch. 1]

- a. Warning
- b. Caution
- c. Note
- d. Shall
- e. Should
- f. May
- g. Will

(Signature and Date)

.4 State the purpose of a NATOPS evaluation. [ch. 2]

(Signature and Date)

.5 State the purpose of the Naval Flight Records Subsystem (NAVFLIRS). [ch. 10]

(Signature and Date)

**113 NAVAL AIR TRAINING AND OPERATING PROCEDURES
STANDARDIZATION (NATOPS) FUNDAMENTALS (CONT'D)**

113.6 State the purpose of master flight files. [ch. 10]

(Signature and Date)

.7 Explain the aircraft visual identification system for the following Type Commanders (TYCOMs): [app. B]

- a. COMNAVAIRLANT
- b. COMNAVAIRPAC
- c. CNATRA

(Signature and Date)

114 GENERAL ADMINISTRATION FUNDAMENTALS

References:

- [a] OPNAVINST 3120.32, Standard Organization and Regulations of the U.S. Navy
 - [b] NAVEDTRA 10047, Military Requirements for Chief Petty Officer
 - [c] NAVPERS 15560, Naval Military Personnel Manual
 - [d] 1080#4 UM-01, Enlisted Distribution and Verification Report Users Manual
 - [e] BUPERSINST 1430.16, Advancement Manual
 - [f] SECNAVINST 1650.1, Navy and Marine Corps Awards Manual
 - [g] NAVPERS 15909, Enlisted Transfer Manual
 - [h] NAVEDTRA 12801, Radioman Communications
 - [i] NAVEDTRA 12609, Legalman
 - [j] SECNAVINST 5216.5D, Correspondence Manual
 - [k] BUPERSINST 1610.10, Evaluation and Fitness Reports
 - [l] OPNAVINST 5354.1D, Navy Equal Opportunity
 - [m] NWP 10-1-10 (A), Operational Reports
 - [n] OPNAVINST 3100.6F, Special Incident Reporting
 - [o] NWP 10-1-11, Status of Resources and Training System (SORTS)
 - [p] NAVPERS 15878H, Retention Team Manual
-

114.1 Discuss the organizational structure and the duties of the following personnel:

- a. Commanding Officer (CO) [ref. a, ch. 3]
- b. Executive Officer (XO) [ref. a, ch. 3]
- c. Command Master Chief/Senior/Chief [ref. a, ch. 3]
- d. Department Head [ref. a, ch. 3]
- e. Command Managed Equal Opportunity Officer (CMEO)/Equal Opportunity Program Specialist (EOPS) [ref. l, app. e]
- f. Division Officer [ref. a, ch. 3]
- g. Leading Chief Petty Officer (LCPO)/Leading Petty Officer (LPO) [ref. a, ch. 3]
- h. Work Center Supervisor [ref. a, ch. 3]
- i. Command Career Counselor [ref. a, ch. 3]
- j. Ombudsman [ref. b, ch. 6]
- k. Financial Specialist [ref. b, ch. 5]
- l. Drug and Alcohol Program Advisor (DAPA) [ref. a, ch. 3]
- m. Security Manager [ref. a, ch. 3]
- n. Career Information Program Management (CIPM) Program Manager [ref. p, pp. 2-3, 2-33]

(Signature and Date)

114 GENERAL ADMINISTRATION FUNDAMENTALS (CONT'D)

114.2 Discuss the purpose and general rules for the following types of counseling:

- a. Personnel [ref. b, ch. 4]
- b. Performance [ref. k, app. c]

(Signature and Date)

.3 Describe the effects of enlisted evaluations on the following:

- a. Types of discharges [ref. c, sec. 3610200]
- b. Advancement [ref. e, ch. 3]
- c. Good conduct awards [ref. f, ch. 4]
- d. Eligibility for reenlistment [ref. c, sec. 1040300]
- e. Assignment [ref. g, ch. 9]

(Signature and Date)

.4 Explain the use of the following:

- a. Naval message [ref. h, ch. 6]
- b. E-mail [ref. j, sec. d]

(Signature and Date)

.5 Explain the purpose of the following message components: [ref. h, ch. 6]

- a. Date Time Group (DTG)
- b. From line
- c. To line
- d. Info line
- e. Classification/declassification line
- f. Standard Subject Identification Code (SSIC)
- g. Subject line
- h. Passing instructions
- i. Reference line
- j. Amplifying information line
- k. Narrative information line
- l. Text

(Signature and Date)

114 GENERAL ADMINISTRATION FUNDAMENTALS (CONT'D)

114.6 Explain what each of the following enlisted service record pages are and what entries are made on each: [ref. c, sec. 5030220]

- a. Page 2
- b. Page 4
- c. Page 13

(Signature and Date)

.7 State the purpose and discuss the contents of the Enlisted Distribution Verification Report (EDVR). [ref. d, ch. 1]

(Signature and Date)

.8 Explain the use of a Report and Disposition of Offense(s) (NAVPERS Form 1626/7). [ref. i, ch. 5]

(Signature and Date)

.9 Discuss the purpose of the following:

- a. Operational Report (OPREP) [ref. n, ch. 2]
- b. Movement Report (MOVEREP) [ref. m, ch. 9]
- c. Logistical Requirements (LOGREQ) [ref. m, ch. 7]
- d. Status of Requirement and Training Support (SORTS) [ref. o, ch. 1]
- e. Situation Report (SITREP) [ref. n, ch. 2]

(Signature and Date)

115 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) FUNDAMENTALS

References:

- [a] OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. I
 [b] OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. V
-

115.1 State the objective of the Naval Aviation Maintenance Program (NAMP).
 [ref. a, ch. 2]

 (Signature and Date)

.2 State the titles and briefly describe the five volumes of the NAMP: [ref. a, ch. 1]

- a. Vol. I
- b. Vol. II
- c. Vol. III
- d. Vol. IV
- e. Vol. V

 (Signature and Date)

.3 Describe the three levels of aviation maintenance: [ref. a, ch. 7]

- a. Organizational
- b. Intermediate
- c. Depot

 (Signature and Date)

.4 Discuss the general responsibilities of the following personnel: [ref. a, ch. 11]

- a. Maintenance Officer (MO)
- b. Aircraft Maintenance Officer (AMO)
- c. Maintenance/Material Control Officer (MMCO)
- d. Material Control Officer

 (Signature and Date)

115 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) FUNDAMENTALS (CONT'D)

115.5 State the basic responsibilities of maintenance/production control. [ref. a, ch. 12]

(Signature and Date)

.6 Discuss the basic responsibilities of the maintenance administration division. [ref. a, ch. 11]

(Signature and Date)

.7 Describe the difference between scheduled and unscheduled maintenance. [ref. a, app. C]

(Signature and Date)

.8 Discuss the purpose of the following inspections: [ref. a, ch. 12]

- a. Daily
- b. Turnaround
- c. Special
- d. Conditional
- e. Phase
- f. Acceptance
- g. Transfer
- h. Aircraft Service Period Adjustment (ASPA)

(Signature and Date)

115 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) FUNDAMENTALS (CONT'D)

115.9 State the purpose of the Functional Check Flight (FCF). [ref. a, ch. 12]

(Signature and Date)

.10 State the purpose of the Weight and Balance Program. [ref. a, ch. 10]

(Signature and Date)

.11 State the purpose of the aircraft logbook. [ref. a, ch. 13]

(Signature and Date)

.12 State who is authorized to sign aircraft logbook entries. [ref. a, ch. 13]

(Signature and Date)

.13 State who is authorized to release aircraft safe for flight. [ref. a, ch. 12]

(Signature and Date)

.14 Discuss the following Planned Maintenance System (PMS) publications:
[ref. a, secs. 14.8.1.d, 14.8.1.3e]

- a. Maintenance Requirement Cards (MRCs)
- b. Periodic Maintenance Information Cards (PMICs)

(Signature and Date)

.15 Define the following as applied to aviation maintenance:

- a. Illustrated Parts Breakdown (IPB) [ref. a, ch. 12]
- b. Maintenance Instruction Manuals (MIMs) [ref. a, app. A]

(Signature and Date)

115 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) FUNDAMENTALS (CONT'D)

115.16 Discuss the Workcenter Supervisor's responsibilities. [ref. a, ch. 15]

(Signature and Date)

.17 Define the concept of Quality Assurance (QA). [ref. a, ch. 14]

(Signature and Date)

.18 Explain the responsibilities of the following QA personnel: [ref. a, ch. 14]

- a. Quality Assurance Representative (QAR)
- b. Collateral Duty QAR (CDQAR)
- c. Collateral Duty Inspector (CDI)

(Signature and Date)

.19 Explain the purpose of the following QA audits. [ref. a, ch. 14]

- a. Special
- b. Quarterly/work center

(Signature and Date)

.20 Discuss the two functions of the Central Technical Publication Library (CTPL). [ref. a, ch. 14]

(Signature and Date)

.21 Discuss the elements of a successful Foreign Object Damage (FOD) Program. [ref. c, ch. 12]

(Signature and Date)

.22 State the primary objective of the Tool Control Program. [ref. c, ch. 13]

(Signature and Date)

115 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) FUNDAMENTALS (CONT'D)

115.23 Explain the purpose of the following programs: [ref. c]

- a. Fuel Surveillance [ch. 3]
- b. Navy Oil Analysis [ch. 4]
- c. Aviators Breathing Oxygen (ABO) Surveillance [ch. 5]
- d. Hydraulic Contamination Control [ch. 6]
- e. Tire and Wheel Maintenance Safety [ch. 7]

(Signature and Date)

.24 State the purpose of the Maintenance Training Improvement Program (MTIP). [ref. a, ch. 20]

(Signature and Date)

.25 Explain the purpose of the Monthly Maintenance Plan (MMP). [ref. a, ch. 12]

(Signature and Date)

.26 Discuss the importance of the Electro-Static Discharge (ESD) program. [ref. b, ch. 22]

(Signature and Date)

116 NAVAL AVIATION LOGISTICS COMMAND MANAGEMENT INFORMATION SYSTEM (NALCOMIS) FUNDAMENTALS

References:

- [a] NAVMASSO End User's Manual (EM) 001D
 - [b] OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. III
 - [c] NAVMASSO System Administrators Manual (OM) SAM
-

- 116.1 What functional requirements of the Naval Aviation Maintenance Program (NAMP) are satisfied by the organizational maintenance activity's NALCOMIS? [ref. a, ch. 1; ref. b, ch. 7]

(Signature and Date)

- .2 What functional requirements of the NAMP are satisfied by the intermediate maintenance activity's NALCOMIS? [ref. a, ch. 1; ref. b, ch. 7]

(Signature and Date)

- .3 Describe the purpose of the following organizational maintenance activity's NALCOMIS subsystems: [ref. b, ch. 7]

- a. Maintenance
- b. Flight
- c. Logs/records
- d. Personnel
- e. Assets
- f. Data analysis
- g. Reports
- h. Ad hoc query

(Signature and Date)

- .4 Describe the purpose of the following intermediate maintenance activity's NALCOMIS subsystems: [ref. b, ch. 7]

- a. Maintenance activity
- b. Configuration status accounting
- c. Personnel management
- d. Asset management

116 NAVAL AVIATION LOGISTICS COMMAND MANAGEMENT INFORMATION SYSTEM (NALCOMIS) FUNDAMENTALS (CONT'D)

- 116.4
- e. Material requirement processing
 - f. System support
 - g. Data off-load/on-load
 - h. Technical publications

(Signature and Date)

- .5 Explain the purpose of a Maintenance Action Form (MAF) as applied to NALCOMIS documentation. [ref. c, chs. 6, 9]

(Signature and Date)

- .6 Explain the following blocks on a MAF to be utilized as data fields in NALCOMIS: [ref. c, ch. 6]

- a. Work Unit Code (WUC)
- b. Job Control Number (JCN)
- c. Maintenance Action Form (MAF) Control Number (MCN)
- d. Discrepancy block
- e. Corrective action block
- f. When Discovered (W/D) code
- g. Type Equipment (TYPE EQUIP) code
- h. Type Maintenance (T/M) code

(Signature and Date)

- .7 What is a Special Maintenance Qualification (SMQ)? [ref. a, ch. 2]

(Signature and Date)

- .8 Discuss the security considerations that apply to an individual's NALCOMIS log in and password? [ref. a, ch. 2]

(Signature and Date)

117 BASIC AVIATION SUPPLY FUNDAMENTALS

References:

- [a] OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. I
 [b] NAVSUP Publication 485 (Rev. 2), Afloat Supply Procedures
-

117.1 State the function and responsibilities of material control. [ref. a, ch. 12]

 (Signature and Date)

.2 Discuss the following Operating Target (OPTAR) funding and give examples of items procured with each: [ref. a, ch. 12]

- a. Flight Operations Fund (OFC-01)
- b. Aviation Fleet Maintenance (AFM) Fund

 (Signature and Date)

.3 State the procedures for accomplishing the following actions: [ref. a, ch. 12]

- a. Ordering parts and material
- b. Receipt and delivery of parts and material
- c. Turn-in of defective components

 (Signature and Date)

.4 Define the acronym MILSTRIP and state its purpose. [ref. a, app. C]

 (Signature and Date)

.5 Define and explain the following terms:

- a. ICRL [ref. a, ch. 18]
- b. CRIPL [ref. a, app. C]
- c. NMCS [ref. a, app. C]
- d. PMCS [ref. a, app. C]
- e. NSN [ref. b, ch 2]
- f. NIIN [ref. b, ch. 2]
- g. AVDLR [ref. b, ch. 3]

117 BASIC AVIATION SUPPLY FUNDAMENTALS (CONT'D)

- 117.5
- h. AWP [ref. a, app. C]
 - i. IMRL [ref. a, app. C]
 - j. AIR [ref. a, ch. 12]
 - k. EXREP [ref. a, app. C]

(Signature and Date)

- .6 Explain the importance of the aeronautical allowance lists in relation to mission sustainability. [ref. a, app. C]

(Signature and Date)

- .7 State the purpose of the following forms and reports: [ref. b, ch. 5]

- a. Financial Liability Investigation of Property Loss (DD Form 200)
- b. Missing/Lost/Stolen Report

(Signature and Date)

- .8 What is a flight packet used for? [ref. a, ch. 12]

(Signature and Date)

- .9 Explain the purpose of Source, Maintenance, and Recoverability (SM&R) codes. [ref. a, ch. 12]

(Signature and Date)

118 HAZARDOUS MATERIAL (HM)/HAZARDOUS WASTE (HW) FUNDAMENTALS

References:

- [a] OPNAVINST 5100.23D, Navy Occupational Safety and Health Program Manual
 - [b] OPNAVINST 5100.19C, Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vol. II
 - [c] OPNAVINST 4110.2, Hazardous Material Control & Management (HMC&M)
 - [d] OPNAV P-45-110-91, Hazardous Material Users Guide (HUMG)
-

118.1 Define the term HM. [ref. b, sec. B3, paragraph B0301.d;
ref. c, enc. 1]

(Signature and Date)

.2 Define the term HW. [ref. b, sec. B3, paragraph B0301.d; ref. c, enc. 1]

(Signature and Date)

.3 Discuss HM storage and inspection requirements. [ref. b, sec. B3,
paragraphs B0304.b, B0304.d]

(Signature and Date)

.4 State the purpose and information contained on the Material Safety Data Sheet
(MSDS). [ref. a, ch. 7, app. 7-A]

(Signature and Date)

.5 What are the six categories of HM? [ref. b, sec. B3,
paragraph B0301.d]

(Signature and Date)

.6 Explain the general procedures to be followed when a HM/HW spill is discovered.
[ref. b, sec. B3, paragraph B0308; ref. b, sec. B3, app. B3-A]

(Signature and Date)

**118 HAZARDOUS MATERIAL (HM)/HAZARDOUS WASTE (HW)
FUNDAMENTALS (CONT'D)**

118.7 State the personal protection equipment required when handling HM/HW. [ref. a, ch. 20, paragraph 2001; ref. b, ch. B12, paragraph B1203; ref. d, chs. 1 thru 20]

(Signature and Date)

.8 Discuss the disposal limitations for the following: [ref. d]

- a. Adhesives [sec. 2]
- b. Grease [sec. 8]
- c. Hydraulic fluid [sec. 9]
- d. Fuels [sec. 19]
- e. Waste oils [sec. 11]
- f. Paint/paint thinners [sec. 12]

(Signature and Date)

.9 Describe required training for all hands with respect to the HM/HW program. [ref. a, ch. 6, paragraph 0602.c; ref. b, sec. B3, paragraph B0310.d; ref. c, enc. 2, app. B, paragraph 1]

(Signature and Date)

.10 Describe the purpose of secondary labeling of HM when removed from the original container. [ref. c, enc. 2, paragraph 2.D.5]

(Signature and Date)

.11 Discuss the purpose of the HM Authorized Use List (AUL). [ref. c, enc. 2, paragraph 2.b.(2)]

(Signature and Date)

300 INTRODUCTION TO WATCHSTATIONS

300.1 INTRODUCTION

The Watchstation section of your PQS is where you get a chance to demonstrate to your Qualifier that you can put the knowledge you have gained in the previous sections to use. It allows you to practice the tasks required for your watchstation and to handle abnormal conditions and emergencies. Before starting your assigned tasks, you must complete the prerequisites that pertain to the performance of that particular task. Satisfactory completion of all prerequisites is required prior to achievement of final watchstation qualification.

300.2 FORMAT

Each watchstation in this section contains:

- A FINAL QUALIFICATION PAGE, which is used to obtain the required signatures for approval and recording of Final Qualification.
- PREREQUISTES, which are items that must be certified completed before you can begin qualification for a particular watchstation. Prerequisites may include schools, watchstation qualifications from other PQS books, and fundamentals, systems, or watchstation qualifications from this book. Prior to signing off each prerequisite line item, the Qualifier must verify completion from existing records. Record the date of actual completion, not the sign-off date.
- WATCHSTATION Performance, which is the practical factors portion of your qualification. The performance is broken down as follows:

- Tasks (routine operating tasks that are performed frequently)
- Infrequent Tasks
- Abnormal Conditions
- Emergencies
- Training Watches

If there are multiple watchstations, a QUALIFICATION PROGRESS SUMMARY will appear at the end of the Standard.

300 INTRODUCTION TO WATCHSTATIONS (CONT'D)

300.3 OPERATING PROCEDURES

The PQS deliberately makes no attempt to specify the procedures to be used to complete a task or control or correct a casualty. The only proper sources of this information are the technical manuals, Engineering Operational Sequencing System (EOSS), Naval Air Training and Operating Procedures Standardization (NATOPS) or other policy-making documents prepared for a specific installation or a piece of equipment. Additionally, the level of accuracy required of a trainee may vary from school to school, ship to ship, and squadron to squadron based upon such factors as mission requirements. Thus, proficiency may be confirmed only through demonstrated performance at a level of competency sufficient to satisfy the Commanding Officer.

300.4 DISCUSSION ITEMS

Though actual performance of evolutions is always preferable to observation or discussion, some items listed in each watchstation may be too hazardous or time consuming to perform or simulate. Therefore, you may be required to discuss such items with your Qualifier.

300.5 NUMBERING

Each Final Qualification is assigned both a watchstation number and a NAVEDTRA Final Qualification number. The NAVEDTRA number is to be used for recording qualifications in service and training records.

300.6 HOW TO COMPLETE

After completing the required prerequisites applicable to a particular task, you may perform the task under the supervision of a qualified watchstander. If you satisfactorily perform the task and can explain each step, your Qualifier will sign you off for that task. After all line items have been completed, your Qualifier will verify Final Qualification by signing and dating the Final Qualification pages.

WATCHSTATION 301

301 ENLISTED AVIATION WARFARE SPECIALIST (EAWS), COMMON CORE

Estimated completion time: 6 Months

301.1 PREREQUISITES

FOR OPTIMUM TRAINING EFFECTIVENESS, THE FOLLOWING PQS ITEMS SHOULD BE COMPLETED PRIOR TO STARTING YOUR ASSIGNED TASKS BUT MUST BE COMPLETED PRIOR TO FINAL WATCHSTATION QUALIFICATION.

301.1.1 CORRESPONDENCE COURSES:

NAVEDTRA 12017, Aviation Maintenance Ratings

Completed _____
(Qualifier and Date)

.2 COURSES OR CERTIFICATIONS:

Basic Life Support – Adult Certification

Completed _____
(Qualifier and Date)

.3 FUNDAMENTALS FROM THIS PQS:

102 First Aid

Completed _____ 5.9% of Watchstation
(Qualifier and Date)

103 General Safety

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104 Chain of Command

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105 Naval Aviation Heritage and Doctrine

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301 ENLISTED AVIATION WARFARE SPECIALIST (EAWS), COMMON CORE (CONT'D)

- 301.1.3 106 Enlisted Ratings
Completed _____ 5.9% of Watchstation
(Qualifier and Date)
- 107 Aviation
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(Qualifier and Date)
- 108 Airfield Familiarization
Completed _____ 5.9% of Watchstation
(Qualifier and Date)
- 109 Naval Aircraft
Completed _____ 5.9% of Watchstation
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- 110 Aviation Capable Ships
Completed _____ 5.9% of Watchstation
(Qualifier and Date)
- 111 Other Ships and Submarines
Completed _____ 5.9% of Watchstation
(Qualifier and Date)
- 112 Chemical, Biological, and Radiological Warfare
Completed _____ 5.9% of Watchstation
(Qualifier and Date)
- 113 Naval Air Training and Operating Procedures Standardization (NATOPS)
Completed _____ 5.9% of Watchstation
(Qualifier and Date)
- 114 General Administration
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301 ENLISTED AVIATION WARFARE SPECIALIST (EAWS), COMMON CORE (CONT'D)

- 301.1.3 115 Naval Aviation Maintenance Program (NAMP)
Completed _____ 5.9% of Watchstation
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- 116 Naval Aviation Logistics Command Management Information System (NALCOMIS)
Completed _____ 5.9% of Watchstation
(Qualifier and Date)
- 117 Basic Aviation Supply
Completed _____ 5.9% of Watchstation
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- 118 Hazardous Material (HM)/Hazardous Waste (HW)
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301.4 EXAMINATIONS

- 301.4.1 No examination is required in order to complete EAWS Common Core PQS Watchstation 301.

Oral and written testing of the material contained in this Common Core PQS Manual will occur in conjunction with the testing required in a EAWS Unit/Type Specific PQS Manual associated with this PQS series.

LIST OF REFERENCES USED IN THIS PQS

1080#4 UM-01, Enlisted Distribution and Verification Report Users Manual
Bluejackets' Manual, (Twenty-First Edition)
BUPERSINST 1430.16, Advancement Manual
BUPERSINST 1610.10, Evaluation and Fitness Reports
COMNAVSURFLANT/COMNAVSURFPACINST 4400.1H, Surface Force Supply Procedures
End User's Manual (EM) 001D
NAVAIR A1-NAOSH-SAF-000/P-5100-1, NAVAIROSH Requirements for the Shore
Establishment
Naval Doctrine Publication, 1 Naval Warfare
Naval Doctrine Publication, 2 Naval Intelligence
Naval Doctrine Publication, 4 Naval Logistics
Naval Doctrine Publication, 5 Naval Planning
NAVEDTRA 10047, Military Requirements for Chief Petty Officer
NAVEDTRA 10401, Aviation Structural Mechanic E 2
NAVEDTRA 10572, Damage Controlman 3 & 2
NAVEDTRA 10669-C, Hospital Corpsman, 3 & 2
NAVEDTRA 12000, Airman
NAVEDTRA 12010-A, Aviation Maintenance Ratings Fundamentals
NAVEDTRA 12043, Basic Military Requirements
NAVEDTRA 12300, Aviation Machinist's Mate 3 & 2
NAVEDTRA 12338, Aviation Structural Mechanic (H & S) 3 & 2
NAVEDTRA 12368, Aviation Boatswain's Mate H 3 & 2
NAVEDTRA 12390, Air Traffic Controller
NAVEDTRA 12609, Legalman
NAVEDTRA 12801, Radioman Communications
NAVEDTRA 12971, Naval Safety Supervisor
NAVFAC P-80, Facility Planning Criteria For Navy and Marine Corps Shore Installations
NAVMASSO End User's Manual (EM) 001D
NAVMASSO System Administrators Manual (OM) SAM
NAVPERS 15560, Naval Military Personnel Manual
NAVPERS 15878H, Retention Team Manual
NAVPERS 15909, Enlisted Transfer Manual
NAVSUP Publication 485 (Rev. 2), Afloat Supply Procedures
NWP 10-1-10 (A), Operational Reports
NWP 10-1-11, Status of Resources and Training System (SORTS)
NWP 3-20-31, Surface Ship Survivability
OPNAV P-45-110-91, Hazardous Material Users Guide (HUMG)
OPNAVINST 1306.2, Fleet, Force, and Command Master Chief Program
OPNAVINST 3100.6F, Special Incident Reporting
OPNAVINST 3120.32, Standard Organization and Regulations of the U.S. Navy
OPNAVINST 3500.39, Operational Risk Management
OPNAVINST 3710.7Q, NATOPS General Flight and Operating Instructions
OPNAVINST 3750.6Q, Naval Aviation Safety Program
OPNAVINST 4110.2, Hazardous Material Control & Management (HMC&M)
OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. I
OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. III

LIST OF REFERENCES USED IN THIS PQS (CONT'D)

OPNAVINST 4790.2G, Naval Aviation Maintenance Program, Vol. V
OPNAVINST 5100.19C, Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat, Vol. I
OPNAVINST 5100.23D, Navy Occupational Safety and Health Program Manual
OPNAVINST 5354.1D, Navy Equal Opportunity
SECNAVINST 1650.1, Navy and Marine Corps Awards Manual
SECNAVINST 5216.5D, Correspondence Manual

Personal Qualification Standard
Feedback Report

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Via _____ Date _____

Department Head

Activity _____

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Section Affected _____

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Remarks/Recommendations (Use additional sheets if necessary):

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