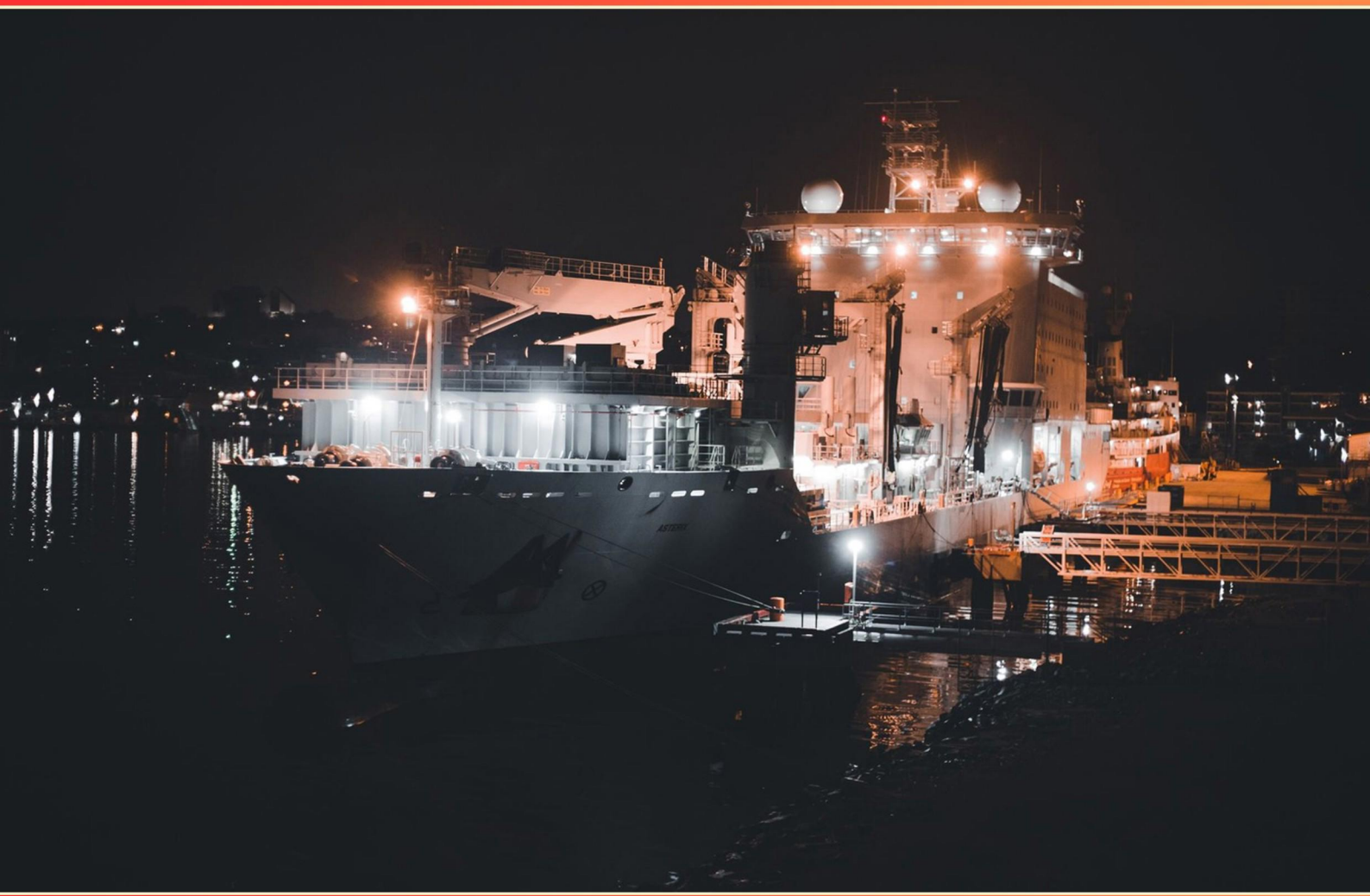
# FRCNW ENLISTED AVIATION WARFARE SPECIALIST (EAWS) BOARD PRACTICE TEST (SAMPLE)

## STUDY GUIDE



## SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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# Table of Contents


Copyright ..... 1

Table of Contents ..... 2

Introduction ..... 3

How to Use This Guide ..... 4

Questions ..... 5

Answers ..... 8

Explanations ..... 10

Next Steps ..... 15


SAMPLE

# Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

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# How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

### 1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

### 2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

### 3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

### 4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

### 5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

### 6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

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# Questions

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1. **What kind of equipment does the SE MOBILE MAINTENANCE FACILITY SUPPORT BRANCH support?**

   A. Ground support equipment

   B. Mobile repair facilities

   C. Flight training devices

   D. Pilot gear

2. **Type 3 hangars are intended for which category of aircraft?**

   A. Carrier aircraft

   B. Marine Corps aircraft

   C. Land-based patrol aircraft

   D. Civil aircraft

3. **What is the oldest US Navy commissioned vessel?**

   A. USS Constitution

   B. USS Nimitz

   C. USS Enterprise

   D. USS Missouri

4. **In the context of battery safety, what does "neutralizing" refer to?**

   A. Recharging the battery

   B. Preventing chemical reactions from leakage

   C. Removing the battery from service

   D. Encasing the battery in foam

5. **What does FCF stand for in aviation maintenance?**

   A. Functional Flight Check

   B. Flight Control Function

   C. Flight Crew Finish

   D. Fast Cycle Flight

6. **What maintenance is referred to as having a focus on reliability?**

   A. Conventional maintenance

   B. Performance-based maintenance

   C. Reliability Centered Maintenance

   D. Compliance-based maintenance

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**7. Which other safety equipment must be present in a work center that handles batteries?**

A. Only fire extinguishers

B. A first aid kit

C. A portable or permanent eye wash station

D. A smoke detector

**8. Which branch is involved in the repair of gas engines?**

A. SE STRUCTURAL/HYDRAULIC BRANCH

B. SE ELECTRICAL REPAIR BRANCH

C. SE GAS ENGINE REPAIR BRANCH

D. SE COMPONENT REPAIR BRANCH

**9. What is the compression-to-breath ratio during CPR?**

A. 15 to 1

B. 20 to 2

C. 30 to 2

D. 40 to 1

**10. What is the main purpose of a Broad Arrow (BA)?**

A. To indicate non-operational SE

B. To mark items for inventory

C. To indicate completed repairs

D. To signal maintenance schedule

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# Answers

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1. B
2. C
3. A
4. B
5. A
6. C
7. C
8. C
9. C
10. A

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# Explanations

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## 1. What kind of equipment does the SE MOBILE MAINTENANCE FACILITY SUPPORT BRANCH support?

A. Ground support equipment

B. Mobile repair facilities

C. Flight training devices

D. Pilot gear

*The SE MOBILE MAINTENANCE FACILITY SUPPORT BRANCH is specifically designed to provide support for mobile repair facilities. This branch plays a crucial role in ensuring that maintenance and repairs can be conducted effectively on-site, often in the vicinity of operational units. Mobile repair facilities are essential for maintaining equipment readiness without having to transport it back to fixed maintenance bases, thereby enhancing efficiency and responsiveness in support of aviation operations. This answer is accurate because mobile repair facilities include various capabilities and equipment designed to carry out maintenance tasks wherever necessary, ensuring that aviation assets remain operational and ready for mission tasks. The focus on mobile repairs distinguishes this branch from others that may support ground support equipment, flight training devices, or pilot gear, which have their specific maintenance requirements not aligned with the function of the SE MOBILE MAINTENANCE FACILITY SUPPORT BRANCH.*

## 2. Type 3 hangars are intended for which category of aircraft?

A. Carrier aircraft

B. Marine Corps aircraft

C. Land-based patrol aircraft

D. Civil aircraft

*Type 3 hangars are specifically designed to accommodate land-based patrol aircraft. These hangars are constructed to provide shelter for larger aircraft that require more space for maintenance and storage, particularly those engaged in maritime patrol and surveillance missions. The design and structure of Type 3 hangars facilitate the unique operational requirements of these aircraft, including adequate clearance for their wingspan and height, as well as the ability to perform maintenance operations effectively. While other hangar types serve different categories of aircraft, such as carrier or Marine Corps aircraft, the emphasis on land-based patrol aircraft highlights the strategic role these aircraft play in defense and surveillance operations. Type 3 hangars support the specific dimensions and operational needs associated with this category, ensuring that these vital assets are housed appropriately when not in use.*

## 3. What is the oldest US Navy commissioned vessel?

A. USS Constitution

B. USS Nimitz

C. USS Enterprise

D. USS Missouri

*The USS Constitution is the oldest commissioned vessel in the United States Navy, often referred to as "Old Ironsides." Launched in 1797, it serves as a symbol of American naval history and resilience. The ship has played a prominent role in various conflicts, including the War of 1812, where it famously defeated several British ships. Today, it remains commissioned and is preserved as a museum ship in Boston, Massachusetts, allowing visitors to learn about its storied past and the early years of the U.S. Navy. In contrast, while other vessels listed have their own historical significance, they do not possess the same age or context. The USS Nimitz, for example, is a modern aircraft carrier commissioned in the 1970s, and the USS Enterprise and USS Missouri, although notable ships, were commissioned in the 20th century. Understanding the distinction between these ships highlights the unique legacy held by the USS Constitution within the Navy's heritage.*

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## 4. In the context of battery safety, what does "neutralizing" refer to?

A. Recharging the battery

B. Preventing chemical reactions from leakage

C. Removing the battery from service

D. Encasing the battery in foam

*In the context of battery safety, "neutralizing" refers to the process of preventing chemical reactions or neutralizing any potentially hazardous materials that can leak from a battery. Batteries, particularly those containing corrosive or reactive substances, can pose significant safety risks if they leak or are damaged. Neutralizing these substances helps to mitigate the risks associated with spills or leaks, ensuring that any hazardous materials are rendered inert or less harmful. The focus on preventing chemical reactions is crucial in maintaining safety standards, especially in environments dealing with multiple batteries or where batteries are subject to stress and potential damage. The practice involves taking measures that stabilize the battery's contents and reduce the chance of hazardous reactions occurring, thereby enhancing overall safety for personnel handling or working near the batteries.*

## 5. What does FCF stand for in aviation maintenance?

A. Functional Flight Check

B. Flight Control Function

C. Flight Crew Finish

D. Fast Cycle Flight

*The term FCF stands for Functional Flight Check in aviation maintenance. A Functional Flight Check is a critical procedure conducted to ensure that all systems of an aircraft are operating as intended after maintenance or repairs have been performed. It involves verifying the functionality of various aircraft systems during flight, including navigational aids, flight controls, and engine performance. This check helps ensure airworthiness and operational reliability before the aircraft is returned to service. The importance of an FCF cannot be overstated, as it serves to validate that all maintenance tasks have been completed accurately and that no issues remain that could affect safety during subsequent flights. This process is part of a comprehensive approach to maintenance that prioritizes operational readiness and safety for both the crew and the aircraft.*

## 6. What maintenance is referred to as having a focus on reliability?

A. Conventional maintenance

B. Performance-based maintenance

C. Reliability Centered Maintenance

D. Compliance-based maintenance

*Reliability Centered Maintenance (RCM) is focused on ensuring that systems continue to perform reliably over time. This maintenance strategy emphasizes the importance of understanding the functions and potential failures of equipment to maintain operational efficiency and safety. RCM involves analyzing the reliability of systems and components to identify key maintenance actions that will prevent failures and enhance the lifespan of equipment. This approach helps organizations prioritize maintenance tasks based on the criticality and reliability of the systems, ultimately leading to reduced downtime and optimized maintenance costs. In contrast, strategies like conventional maintenance may not specifically focus on reliability but instead follow a set schedule. Similarly, performance-based maintenance centers on achieving specific performance outcomes rather than reliability alone, while compliance-based maintenance is concerned with adhering to regulations rather than ensuring reliability.*

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## 7. Which other safety equipment must be present in a work center that handles batteries?

A. Only fire extinguishers

B. A first aid kit

C. A portable or permanent eye wash station

D. A smoke detector

*In a work center that handles batteries, having a portable or permanent eye wash station is crucial because it ensures immediate access to flushing water in case of battery acid exposure to the eyes. This is particularly important since batteries can contain hazardous substances like sulfuric acid, which can cause severe damage to the eyes and skin. The inclusion of an eye wash station allows for swift decontamination, which is critical in minimizing potential injuries from chemical exposure. This aligns with safety protocols that aim to provide emergency measures in environments where risks are present. While fire extinguishers, first aid kits, and smoke detectors are all vital safety equipment in various contexts, they do not directly address the immediate concern of chemical exposure one might encounter when handling batteries. Thus, the eye wash station is indispensable in this specific scenario, ensuring personnel can mitigate risks associated with battery handling effectively.*

## 8. Which branch is involved in the repair of gas engines?

A. SE STRUCTURAL/HYDRAULIC BRANCH

B. SE ELECTRICAL REPAIR BRANCH

C. SE GAS ENGINE REPAIR BRANCH

D. SE COMPONENT REPAIR BRANCH

*The SE GAS ENGINE REPAIR BRANCH is specifically focused on the repair and maintenance of gas engines. This branch is equipped with the specialized knowledge, tools, and training necessary to address the unique demands associated with gas engine systems. Understanding the intricate workings of gas engines, including their components and performance metrics, is crucial for effective maintenance and repair. Gas engines are crucial for various aviation applications, such as running auxiliary power units or engine starters, so having a dedicated branch ensures that any issues can be promptly and effectively addressed, thus maintaining overall operational efficiency. This branch is set apart from the others, as the SE STRUCTURAL/HYDRAULIC BRANCH deals with structural integrity and hydraulic systems, the SE ELECTRICAL REPAIR BRANCH focuses on electrical systems, and the SE COMPONENT REPAIR BRANCH handles various components that are not limited to just gas engines. Therefore, the SE GAS ENGINE REPAIR BRANCH is the appropriate and specialized choice for the repair of gas engines.*

## 9. What is the compression-to-breath ratio during CPR?

A. 15 to 1

B. 20 to 2

C. 30 to 2

D. 40 to 1

*The compression-to-breath ratio during CPR for adults is 30 to 2, meaning that for every 30 chest compressions delivered, 2 rescue breaths are given. This ratio is recommended to ensure effective circulation and ventilation. The emphasis is placed on performing high-quality chest compressions, as they are critical in maintaining blood flow to vital organs. The 30 to 2 ratio simplifies the process for responders, making it easier to remember and execute during a high-stress emergency situation. The approach has been standardized in guidelines from organizations such as the American Heart Association, reflecting extensive research on what is most effective in increasing survival rates during cardiac arrest. This ratio helps in striking a balance between providing adequate oxygenation through rescue breaths and maintaining sufficient chest compressions to circulate blood.*

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## 10. What is the main purpose of a Broad Arrow (BA)?

A. To indicate non-operational SE

B. To mark items for inventory

C. To indicate completed repairs

D. To signal maintenance schedule

*The main purpose of a Broad Arrow (BA) is to indicate non-operational support equipment (SE). This marking serves as a clear visual cue that the equipment is currently not functional and should not be used in operations. The Broad Arrow helps ensure that personnel are aware that the equipment needs attention, repair, or is otherwise out of service, thus preventing potential operational issues or safety hazards that could occur from using unserviceable gear. This marking helps streamline maintenance processes and assists in inventory control by designating which pieces of equipment are operational and which are not, ultimately supporting better management of support resources throughout the fleet. Understanding the specific implications of a Broad Arrow is crucial for maintaining operational readiness.*

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# Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

https://frcnweawsboard.examzify.com

We wish you the very best on your exam journey. You've got this!

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