

# FRCNW Enlisted Aviation Warfare Specialist (EAWS) Board Practice Test (Sample)

## Study Guide



**Everything you need from our exam experts!**

**This is a sample study guide. To access the full version with hundreds of questions,**

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# 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.

# 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. Don't worry about getting everything right, 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, and take breaks to retain information better.**

## 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.**

## 7. Use Other Tools

**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 does the 700 Division primarily focus on?**
  - A. Aircraft maintenance**
  - B. Armament/Weapons Division**
  - C. Aviation logistics**
  - D. Electrical systems maintenance**
- 2. 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**
- 3. What should be understood about the term "Note" in documentation?**
  - A. Might indicate recommended practices**
  - B. Must be emphasized**
  - C. Indicates equipment required**
  - D. Represents a mandatory action**
- 4. What safety concern is associated with Liquid Oxygen systems?**
  - A. Low operational pressure**
  - B. Potential for fire and explosion**
  - C. Difficulty in oxygen delivery**
  - D. Short battery life**
- 5. How many levels are there in the FPCON system?**
  - A. 3**
  - B. 4**
  - C. 5**
  - D. 6**

**6. In which direction does current typically flow?**

- A. From positive to negative**
- B. Randomly through the circuit**
- C. From negative to positive**
- D. According to resistance level**

**7. 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**

**8. Which DEFCON level indicates a heightened state of readiness just below maximum?**

- A. DEFCON 1**
- B. DEFCON 2**
- C. DEFCON 3**
- D. DEFCON 4**

**9. What is COMSEC associated with in military operations?**

- A. Computational Security**
- B. Communications Security**
- C. Command Security**
- D. Combat Security**

**10. What base metal group includes stainless steels?**

- A. Group 1**
- B. Group 2**
- C. Group 3**
- D. Group 4**

## **Answers**

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

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## **Explanations**

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**1. What does the 700 Division primarily focus on?**

- A. Aircraft maintenance**
- B. Armament/Weapons Division**
- C. Aviation logistics**
- D. Electrical systems maintenance**

The 700 Division primarily focuses on armament and weapons, which includes the management, maintenance, and operational readiness of all weapons systems on aircraft. This division is responsible for ensuring that all weapons and associated equipment are functioning correctly and are ready for deployment. It encompasses various responsibilities such as loading and unloading munitions, conducting weapons inspections, and maintaining safety protocols for weapon handling. Armament specialists are vital to ensuring that aircraft are equipped with the necessary weapons systems for missions, and they work closely with other divisions to ensure that the combat readiness of the squadron is maintained. Their expertise in weapon systems directly supports the operational effectiveness of aircraft in various missions.

**2. 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.

### 3. What should be understood about the term "Note" in documentation?

- A. Might indicate recommended practices
- B. Must be emphasized**
- C. Indicates equipment required
- D. Represents a mandatory action

The term "Note" in documentation serves to provide important information that may not be immediately obvious but is still significant to the understanding or execution of a procedure. When a "Note" is present, it signifies additional context or insights that can enhance comprehension or indicate things to be aware of. This information is typically essential for the reader to understand how to properly execute a procedure or task, making it imperative that it is highlighted or emphasized to draw attention to its significance. This understanding helps ensure that personnel do not overlook critical information that could impact the effectiveness or safety of operations. Each note is intended to augment the primary information presented, offering clarity wherever necessary. Therefore, the emphasis placed on the term "Note" is crucial for proper adherence to operational guidelines.

### 4. What safety concern is associated with Liquid Oxygen systems?

- A. Low operational pressure
- B. Potential for fire and explosion**
- C. Difficulty in oxygen delivery
- D. Short battery life

The correct answer highlights the significant safety concern related to Liquid Oxygen (LOX) systems due to their highly reactive nature. Liquid oxygen is an oxidizer that can significantly accelerate combustion, making it a fire hazard. When it comes into contact with flammable materials, it can lead to dangerous fire or explosion situations, which is why stringent safety protocols must be in place when handling and storing LOX. Liquid oxygen systems require careful management to mitigate these risks, as spills or leaks pose serious threats. Conditions that would normally be safe can become explosive in the presence of liquid oxygen. Thus, understanding the potential for fire and explosion is critical for the safety of personnel and equipment in aviation environments where LOX systems are employed.

## 5. How many levels are there in the FPCON system?

- A. 3
- B. 4
- C. 5
- D. 6

The FPCON (Force Protection Condition) system consists of five levels, which are designed to provide a graduated response to varying levels of threat to military installations and operations. These levels are: FPCON Normal, FPCON Alpha, FPCON Bravo, FPCON Charlie, and FPCON Delta. Each level corresponds to the severity of the threat and prescribes specific security measures that must be implemented. FPCON Normal indicates general peace and no specific threat, while FPCON Delta is initiated in response to a specific and imminent threat. Understanding these levels is crucial for personnel to effectively respond to potential security challenges and to maintain the safety and security of military operations and facilities.

## 6. In which direction does current typically flow?

- A. From positive to negative
- B. Randomly through the circuit
- C. From negative to positive
- D. According to resistance level

Current typically flows from positive to negative due to the conventional current theory, which is based on the movement of positive charge. Historically, when electricity was first being studied, it was assumed that electric current flowed from higher potential (positive) to lower potential (negative). As such, electrical circuits are designed based on this principle, and components such as batteries and power supplies are labeled with positive and negative terminals reflecting this flow direction. In practical applications, the actual charge carriers in electrical circuits—particularly in metal conductors—are electrons, which move from negative to positive. However, the conventional view of current flowing from positive to negative persists and is the standard reference point in circuit analysis and design. Understanding this framework is crucial for anyone studying electrical concepts, as it serves as a foundation for analyzing and predicting circuit behavior.

**7. 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.

**8. Which DEFCON level indicates a heightened state of readiness just below maximum?**

- A. DEFCON 1**
- B. DEFCON 2**
- C. DEFCON 3**
- D. DEFCON 4**

DEFCON 2 represents a heightened state of readiness just below maximum. This level indicates that the armed forces are prepared to respond to an imminent threat, with readiness heightened beyond normal peacetime operations. At this stage, military units are positioned and prepared to carry out their mission but have not yet been fully mobilized, which would occur at DEFCON 1. DEFCON levels are a series of escalating conditions that represent the defense readiness condition of the U.S. Armed Forces. DEFCON 1 is the maximum readiness situation, primarily indicating that nuclear war is imminent and all forces are on full alert. DEFCON 3 suggests an increase in readiness and capability, while DEFCON 4 indicates a state of normal readiness, so DEFCON 2 accurately captures that heightened but not maximum state. Understanding the significance of each DEFCON level is crucial for grasping military readiness in response to potential threats.

## 9. What is COMSEC associated with in military operations?

- A. Computational Security
- B. Communications Security**
- C. Command Security
- D. Combat Security

Communications Security, or COMSEC, is crucial in military operations as it involves measures and controls taken to protect classified and sensitive information that is transmitted over communication channels. This includes the safeguarding of voice, data, and multimedia communications to ensure that they are not intercepted or compromised by unauthorized individuals or entities. COMSEC encompasses a wide array of practices and protocols, including encryption, secure voice communications, and secure data transmission methods. These measures are essential to maintain the integrity and confidentiality of military communications, which can significantly affect operational effectiveness and the safety of personnel involved in missions. The implementation of COMSEC helps to prevent adversaries from gaining access to critical information that could be used against military forces. In this context, while the other terms relate to various aspects of security—such as computational, command, and combat security—they do not specifically address the protocols and practices focused on protecting communication channels, making Communications Security the correct association for COMSEC in military operations.

## 10. What base metal group includes stainless steels?

- A. Group 1
- B. Group 2**
- C. Group 3
- D. Group 4

The correct choice identifies Group 2 as the base metal group that includes stainless steels. Stainless steels are characterized by their alloy composition, which typically includes a minimum of 10.5% chromium, providing enhanced corrosion resistance compared to other steel types. This characteristic allows stainless steels to perform well in various environments, especially those exposed to moisture or hazardous chemicals. Group 2 metals are typically considered the most resistant to corrosion, which is a defining feature of stainless steels. They also include various alloyed metals that offer strength and durability, making them suitable for applications in the aviation industry, such as airframes and engine components. Understanding the properties and classifications of these metals is crucial for the safe and effective maintenance and operation of aircraft. In contrast, other groups are associated with different types of base metals or their respective characteristics, emphasizing the unique nature of stainless steels within their classification. This clarity in categorization helps in identifying the right materials for specific applications in aerospace and naval contexts.

# 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](mailto: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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