FIRE CONTROLMAN (FC) "A" SCHOOL PRACTICE TEST (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

VISIT US ONLINE FOR THE FULL VERSION STUDY GUIDE

https://firecontrolmanaschool.examzify.com

Copyright © 2026 by Examzify - A Kaluba Technologies Inc. product.

ALL RIGHTS RESERVED.

No part of this book may be reproduced or transferred in any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, web distribution, taping, or by any information storage retrieval system, without the written permission of the author.

Notice: Examzify makes every reasonable effort to obtain accurate, complete, and timely information about this product from reliable sources.

SAMPLE

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.

SAMPLE

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!

SAMPLE

Questions

SAMPLE

1. **At what decibel level must hearing protection be worn to prevent hearing threshold shift?**

   A. 80 decibels

   B. 84 decibels

   C. 90 decibels

   D. 95 decibels

2. **What is the range of the RAM missile system?**

   A. 5 nm

   B. 9 nm

   C. 80+ nm

   D. 800+ nm

3. **What sequence is involved in the Detect to Engage (DTE) process?**

   A. Confirm, Engage, Assign, Assess

   B. Detect, Evaluate, Assign, Engage, Assess

   C. Detect, Acknowledge, Target, Engage

   D. Evaluate, Track, Engage, Assess

4. **What does the Weapons Support System (WSS) Supervisor oversee?**

   A. Action Area repairs

   B. Central point of contact for all WSS personnel

   C. Technical evaluations of combat systems

   D. Tactical decision-making

5. **What function does the Combat Information Center (CIC) serve?**

   A. Maintains emergency destruction compliance

   B. Distributes tactical information and intelligence

   C. Conducts training for personnel

   D. Coordinates with Action Area Personnel

6. **Which launcher is referred to as RAM?**

   A. NSSMS

   B. RAM Launcher

   C. MK41 (VLS)

   D. Harpoon Launcher

SAMPLE

7. What does the MRC listed on the MIP represent?

A. A maintenance requirement

B. An operational capability

C. A work center responsibility

D. A personnel duty

8. What is the range of the 5inch, 54/62, MK45?

A. 10 nm

B. 13 nm

C. 15 nm

D. 20 nm

9. What must a person do to initiate a line clear on a radar?

A. Press the Drop button

B. Restart the system

C. Notify a supervisor

D. Adjust the settings

10. Which elements are included in the Radar Trigger?

A. TM, TH, TE

B. TM, TR, TE

C. TM, RH, TE

D. TM, TH, RE

SAMPLE

Answers

SAMPLE

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

SAMPLE

Explanations

SAMPLE

1. At what decibel level must hearing protection be worn to prevent hearing threshold shift?

A. 80 decibels

B. 84 decibels

C. 90 decibels

D. 95 decibels

To prevent hearing threshold shift, hearing protection must be worn at a decibel level of 84 decibels. This threshold is established based on research indicating that sound levels exceeding 84 dB can begin to cause potential harm to hearing over prolonged exposure. Consistent exposure to noise above this level without adequate hearing protection can lead to permanent changes in hearing sensitivity or noise-induced hearing loss. It's essential to recognize that while other levels, such as 80 dB or higher decibels like 90 dB and 95 dB, may also warrant caution and the use of hearing protection, 84 dB specifically marks the critical value at which protective measures are advised to minimize risk.

2. What is the range of the RAM missile system?

A. 5 nm

B. 9 nm

C. 80+ nm

D. 800+ nm

The RAM (Rolling Airframe Missile) system is primarily designed for point defense against anti-ship missiles and is known for its effectiveness in close-range combat scenarios. The operational range of the RAM missile system typically extends to about 5 nautical miles (nm). This range allows it to effectively engage targets that are within a relatively short distance, which is crucial given the speed and threat level of incoming anti-ship missiles. The RAM system leverages its rapid reaction capabilities and precise guidance to intercept threats at these shorter ranges, making it an integral part of a naval vessel's defense strategy. The identification of 5 nm as its standard operational range is consistent with the specifications provided by military sources and technical manuals regarding the system's deployment and effectiveness in real-world maritime environments.

3. What sequence is involved in the Detect to Engage (DTE) process?

A. Confirm, Engage, Assign, Assess

B. Detect, Evaluate, Assign, Engage, Assess

C. Detect, Acknowledge, Target, Engage

D. Evaluate, Track, Engage, Assess

The Detect to Engage (DTE) process is a critical sequence within fire control operations that ensures effective target engagement. The correct sequence, Detect, Evaluate, Assign, Engage, Assess, outlines the necessary steps to identify and act upon potential targets. Starting with "Detect," this step involves locating a potential threat or target using various sensors or surveillance methods. After detection, the next step is "Evaluate," where information about the target is analyzed to determine its characteristics, intentions, and the threat level it poses. This assessment ensures that the right decisions can be made regarding the target. Following evaluation, the "Assign" phase comes into play, where resources, such as weapon systems, are allocated to engage the identified target based on the analysis from the previous steps. Once resources have been assigned, the "Engage" step occurs, where the actual engagement of the target is executed with the appropriate weapons. Finally, "Assess" involves evaluating the results of the engagement to determine if the threat has been neutralized or if further actions are required. This continuous assessment loop is essential for adapting to changing battlefield conditions and ensuring mission effectiveness. Understanding this complete sequence is vital for fire controlman roles, as it encapsulates the thorough process necessary to make informed and deliberate engagement

SAMPLE

4. What does the Weapons Support System (WSS) Supervisor oversee?

A. Action Area repairs

B. Central point of contact for all WSS personnel

C. Technical evaluations of combat systems

D. Tactical decision-making

The Weapons Support System (WSS) Supervisor is primarily responsible for serving as the central point of contact for all personnel involved with the WSS. This role is crucial as it ensures effective communication and coordination between various teams and departments that work on the WSS. By acting as the primary liaison, the supervisor can facilitate the flow of information, ensure that all personnel are aligned in their tasks, and address any issues that arise within the team. This centralization of oversight helps maintain operational efficiency and effectiveness within the WSS framework, enabling smoother operations and a more cohesive approach when managing weapons support systems.

5. What function does the Combat Information Center (CIC) serve?

A. Maintains emergency destruction compliance

B. Distributes tactical information and intelligence

C. Conducts training for personnel

D. Coordinates with Action Area Personnel

The Combat Information Center (CIC) is a vital component of naval operations, primarily responsible for distributing tactical information and intelligence. It serves as the command and control hub that collects, analyzes, and disseminates actionable data to support decision-making during missions. CIC personnel monitor various sensors and data feeds to provide real-time situational awareness to the ship's command, ensuring that all interested parties have access to the most current and relevant information regarding enemy positions, environmental conditions, and friendly forces. This function is crucial for successful naval engagements and operational planning, as it enables rapid responses to threats and changes in the tactical landscape. By efficiently handling and communicating critical information, the CIC enhances the ship's operational effectiveness and mission success.

6. Which launcher is referred to as RAM?

A. NSSMS

B. RAM Launcher

C. MK41 (VLS)

D. Harpoon Launcher

The term "RAM" refers specifically to the Rolling Airframe Missile system, which is designed for short-range air defense. The RAM launcher is a vital component of this missile system, allowing for the rapid engagement of airborne threats. The launcher employs a unique design that supports the vertical launch capability of the RAM missiles, optimizing their performance against targets such as aircraft, anti-ship missiles, and UAVs. The RAM system is notable for its quick reaction time and effectiveness in providing protection for naval vessels. It is utilized aboard various classes of ships within the Navy, making it an integral part of modern naval defense strategies. Thus, when identifying the launcher referred to as RAM, it is specifically the RAM Launcher that is being referenced due to its direct association with the Rolling Airframe Missile system.

SAMPLE

7. What does the MRC listed on the MIP represent?

A. A maintenance requirement

B. An operational capability

C. A work center responsibility

D. A personnel duty

The correct choice indicates that the MRC, or Maintenance Requirement Card, represents a specific maintenance task or requirement. MRCs are crucial components in maintenance planning as they provide detailed instructions on the maintenance procedures that need to be carried out on various equipment to ensure operational readiness and reliability. Each MRC outlines a task that must be performed, including details like frequency, required tools, and personnel qualifications. This systematic approach helps in maintaining equipment and ensures that it operates effectively and safely. In this context, while operational capabilities, work center responsibilities, and personnel duties play important roles in overall maintenance and operational procedures, the MRC specifically focuses on maintenance requirements and the guidelines necessary to carry them out.

8. What is the range of the 5inch, 54/62, MK45?

A. 10 nm

B. 13 nm

C. 15 nm

D. 20 nm

The range of the 5-inch, 54/62 MK45 gun is approximately 13 nautical miles when fired with extended-range projectiles. This range is significant because it allows naval platforms equipped with this gun system to engage targets at a distance, providing effective naval gunfire support in a variety of combat scenarios. The MK45 is designed for versatility and precision, which makes it a crucial asset on modern naval vessels. In addition to the maximum range, the specifications of the MK45 system are tailored to enhance both the effectiveness and the safety of operations in a naval context, making the 13 nm range an important parameter for fire controlman training and operations. Understanding this range is crucial for effective mission planning and effective targeting in naval operations.

9. What must a person do to initiate a line clear on a radar?

A. Press the Drop button

B. Restart the system

C. Notify a supervisor

D. Adjust the settings

To initiate a line clear on a radar, the appropriate action is to press the Drop button. This action is essential because the Drop button is specifically designed to clear the line of sight on the radar display, allowing for a reset of the tracking function for new targets or to dismiss a target that's no longer relevant. This step is crucial for maintaining effective radar operations, ensuring that the system accurately represents the current conditions without interference from previous data. Other actions such as restarting the system, notifying a supervisor, or adjusting the settings may be relevant in different contexts or troubleshooting scenarios, but they do not directly initiate a line clear on the radar itself. Understanding the specific function of the Drop button is vital for effective radar operation and management.

SAMPLE

10. Which elements are included in the Radar Trigger?

A. TM, TH, TE

B. TM, TR, TE

C. TM, RH, TE

D. TM, TH, RE

The correct answer includes TM, TH, and TE, which are essential components of the Radar Trigger system. TM stands for "Trigger Master," which is responsible for generating the initial timing signals needed for radar operations. TH represents "Trigger High," indicating the specific threshold levels of voltage or signal strength required for the radar to function correctly. TE stands for "Trigger Enable," which is necessary to allow the radar system to proceed with processing and transmitting data once the appropriate conditions are met. These elements work collaboratively to ensure that the radar system can accurately and effectively monitor and track targets. The synchronization of these components is critical in establishing precise timing and enabling the radar system's overall functionality. Each part has a specific role that contributes to the reliable performance of the radar system, making this combination the correct choice in identifying the elements included in the Radar Trigger.

SAMPLE

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://firecontrolmanaschool.examzify.com

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

SAMPLE