

# AIRCREW FLIGHT EQUIPMENT (AFE) CDC END OF COURSE (EOC) PRACTICE TEST (SAMPLE) STUDY GUIDE



## SAMPLE STUDY GUIDE WITH LIMITED 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. 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!

## Questions

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- 1. Which Air Force instruction outlines the requirements for aircrew flight equipment continuation training programs?**
  - A. 11-202 volume 1
  - B. 11-301 volume 1
  - C. 11-401 volume 1
  - D. 11-301 volume 2
- 2. What part of the JHMCS is responsible for providing an electrical signal that represents the pilot's head position?**
  - A. Magnetic Receiver Unit
  - B. Gyroscope Unit
  - C. Control Module
  - D. Head Position Sensor
- 3. A red streamer installed on a back-style parachute indicates it has what kind of feature?**
  - A. A one second automatic ripcord release time delay device
  - B. A built-in altimeter
  - C. A manual release system
  - D. An emergency flotation device
- 4. What does the supply condition code (SCC) G signify?**
  - A. Condemned and awaiting disposal
  - B. Economically repairable with parts needed
  - C. Ready for issue
  - D. Under investigation for safety
- 5. Which component of the Joint Helmet Mounted Cueing System (JHMCS) provides the symbologies projected onto the visor?**
  - A. LCD Screen
  - B. Cathode Ray Tube (CRT)
  - C. High-Definition Display
  - D. Optical Fiber Display

- 6. If a Top Secret telephone calls a Secret telephone, what classification is displayed on both devices?**
- A. Top Secret
  - B. Secret
  - C. Unclassified
  - D. Confidential
- 7. Which part of the MXU-835/P subsystem is responsible for audio monitoring?**
- A. Speaker
  - B. Microphone
  - C. Control panel
  - D. Headset jack
- 8. Which item generally requires continual restocking based on supply lines?**
- A. Nonexpendable items
  - B. Expendable items
  - C. Repair parts
  - D. Equipment maintenance
- 9. The basic HGU-55/P helmet shell incorporates what feature to aid in retention of lightweight visors?**
- A. Leather edge roll and lens stops
  - B. Rubber edge roll and visor clips
  - C. Padding and stabilizing straps
  - D. Mesh cover and strap
- 10. The master inventory list remains valid until which condition occurs?**
- A. The next scheduled audit
  - B. The contents change
  - C. A new list is created
  - D. All items are accounted for



## **Answers**

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

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## **Explanations**

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**1. Which Air Force instruction outlines the requirements for aircrew flight equipment continuation training programs?**

- A. 11-202 volume 1
- B. 11-301 volume 1**
- C. 11-401 volume 1
- D. 11-301 volume 2

*The Air Force instruction that outlines the requirements for aircrew flight equipment continuation training programs is specifically designated as 11-301 volume 1. This instruction provides guidance for the training standards that must be maintained for aircrew flight equipment personnel, ensuring that they are adequately prepared to support operational missions. Volume 1 of this instruction emphasizes the continuity of training, which is vital for maintaining proficiency in the use and maintenance of flight equipment. It covers necessary elements such as training frequency, content, and assessment methodologies that are essential for personnel involved in the aircrew flight equipment field. This focus on ongoing education and training helps to ensure that all personnel remain knowledgeable about current policies, procedures, and equipment advancements. Each of the other instructions mentioned pertains to different aspects of flight operations, but they do not specifically address the continuation training requirements of aircrew flight equipment personnel as comprehensively as 11-301 volume 1 does.*

**2. What part of the JHMCS is responsible for providing an electrical signal that represents the pilot's head position?**

- A. Magnetic Receiver Unit**
- B. Gyroscope Unit
- C. Control Module
- D. Head Position Sensor

*The component responsible for providing an electrical signal that represents the pilot's head position is the Head Position Sensor. This sensor accurately detects the orientation and position of the pilot's head, allowing the Joint Helmet-Mounted Cueing System (JHMCS) to display critical information in the pilot's line of sight. By tracking head movements, it ensures that the information remains relevant to where the pilot is looking, enhancing situational awareness and overall effectiveness in flight operations. Other components, such as the Magnetic Receiver Unit and the Gyroscope Unit, serve different functions within the system. The Magnetic Receiver Unit typically detects magnetic fields to assist with navigation or orientation, while the Gyroscope Unit helps maintain stability and orientation but does not specifically provide the head position data. The Control Module manages the overall functionality of the system, integrating inputs from various sensors but does not directly measure head position itself.*

**3. A red streamer installed on a back-style parachute indicates it has what kind of feature?**

- A. A one second automatic ripcord release time delay device**
- B. A built-in altimeter
- C. A manual release system
- D. An emergency flotation device

*A red streamer installed on a back-style parachute indicates that it has a one-second automatic ripcord release time delay device. This feature is designed to allow a brief period after the parachute is deployed for the jumper to stabilize and ensure that the parachute opens correctly without prematurely releasing the parachutist from the primary harness. The presence of the red streamer serves as a visual identifier for this safety mechanism, alerting the user to its specific function. Properly understanding this feature is crucial for jumpers and aircrew, as it directly impacts their safety protocols during jump operations. Recognizing that the automatic ripcord release feature involves a timed delay ensures that parachutists can make more informed decisions during jumps, particularly in variable conditions. The absence of a built-in altimeter or a manual release system indicated by a streamer makes it clear that those features do not apply in this context. Similarly, the emergency flotation device would not be associated with the color and function of a streamer on a parachute designed for other purposes.*

**4. What does the supply condition code (SCC) G signify?**

- A. Condemned and awaiting disposal
- B. Economically repairable with parts needed**
- C. Ready for issue
- D. Under investigation for safety

*The supply condition code (SCC) G signifies that an item is economically repairable and has the necessary parts available for that repair. This indicates that while the item might be damaged or non-functional, it can be fixed at a reasonable cost, and there is a viable plan to restore it to a usable state. The knowledge of SCC codes is critical in logistics and supply chain management, as it helps personnel in determining the status and usability of equipment, thereby influencing maintenance and inventory decisions. Understanding SCC G aids in efficient resource management and ensures that items that are worth repairing are handled appropriately, rather than being prematurely discarded.*

**5. Which component of the Joint Helmet Mounted Cueing System (JHMCS) provides the symbologies projected onto the visor?**

- A. LCD Screen
- B. Cathode Ray Tube (CRT)**
- C. High-Definition Display
- D. Optical Fiber Display

*The component of the Joint Helmet Mounted Cueing System (JHMCS) that provides the symbologies projected onto the visor is a Cathode Ray Tube (CRT). The CRT is a traditional technology used to display images through the use of electron beams which excite phosphorescent materials on the screen, producing an image. In the context of the JHMCS, the CRT is critical for rendering the necessary flight and targeting data, allowing pilots to support situational awareness and targeting without needing to look inside a cockpit. While other display technologies provide advancements in various applications—such as High-Definition Displays which offer improved clarity and resolution, and LCD screens that are more compact and energy-efficient—the specific design and purpose of the JHMCS utilize the CRT technology to project relevant symbology effectively within the pilot's line of sight. Optical Fiber Display systems are also used in some advanced display technologies but are not the primary component referenced in the JHMCS for symbology projection.*

**6. If a Top Secret telephone calls a Secret telephone, what classification is displayed on both devices?**

- A. Top Secret
- B. Secret**
- C. Unclassified
- D. Confidential

*In the scenario where a Top Secret telephone calls a Secret telephone, both devices would display the classification level of Secret. This is because the classification system is designed to protect the most sensitive information by allowing different classifications to coexist but with the understanding that when information is transmitted, it should be secured at the lower classification level. Since the Secret telephone is only authorized to handle Secret-level information, it cannot be used to transmit Top Secret information. Therefore, the line of communication must adhere to the lower classification, which is Secret in this case. This process helps ensure that information integrity is maintained and that higher classification levels do not inadvertently compromise lower classified environments. It illustrates the principle of safeguarding sensitive information while allowing effective communication within security constraints.*

**7. Which part of the MXU-835/P subsystem is responsible for audio monitoring?**

- A. Speaker**
- B. Microphone
- C. Control panel
- D. Headset jack

*The part of the MXU-835/P subsystem that is responsible for audio monitoring is the speaker. The speaker allows for the transmission of audio signals, which can include communications and alerts necessary for flight operations. It enables aircrew members to hear pertinent information and instructions during a flight, contributing to overall situational awareness and safety. The microphone is primarily used for capturing audio input, such as the aircrew's voice, while the control panel serves as the interface for managing various functions within the subsystem. The headset jack provides connectivity for headsets, which typically includes both speaker and microphone functionality; however, it does not perform audio monitoring directly on its own. Therefore, the speaker is the essential component for audio monitoring, allowing personnel to receive and process audio information effectively during flight operations.*

**8. Which item generally requires continual restocking based on supply lines?**

- A. Nonexpendable items
- B. Expendable items**
- C. Repair parts
- D. Equipment maintenance

*Expendable items are those that are consumed or depleted through normal use and need to be continually restocked to ensure they are available when required. This includes items such as oxygen masks, survival kits, and other supplies that can be used once and then discarded. Because these items are essential for safety and operational readiness, they must be maintained at sufficient levels through regular resupply efforts. In contrast, nonexpendable items are durable goods that are not consumed and typically remain in inventory for longer periods, repair parts are specific components that can be used as needed to fix or maintain equipment, and equipment maintenance refers to the actions taken to preserve the functionality of equipment rather than the provisioning of supplies. Therefore, it's the nature of expendable items to require regular and ongoing restocking based on usage and supply availability.*

**9. The basic HGU-55/P helmet shell incorporates what feature to aid in retention of lightweight visors?**

- A. Leather edge roll and lens stops**
- B. Rubber edge roll and visor clips
- C. Padding and stabilizing straps
- D. Mesh cover and strap

*The HGU-55/P helmet shell's design includes a leather edge roll and lens stops to effectively retain lightweight visors. The leather edge roll provides a protective boundary along the helmet's perimeter while also creating a secure surface for the visors to adhere or fit against. This design aspect not only enhances comfort but also ensures the visor stays in place during flight operations, which is crucial for visibility and safety. The lens stops further ensure that the visor is held securely and maintains its position when in use. This combination of features is specifically tailored to the operational requirements of aircrew members, who must rely on their visual aids without worry of them detaching or shifting during flight. The attention to detail in the helmet's construction, including materials like leather for durability and comfort, highlights its functional benefits for those wearing it in demanding environments.*

**10. The master inventory list remains valid until which condition occurs?**

- A. The next scheduled audit
- B. The contents change**
- C. A new list is created
- D. All items are accounted for

*The master inventory list retains its validity until there is a change in the contents of the inventory. This means that any time items are added, removed, or updated within the inventory, the master inventory list becomes outdated and is no longer a true reflection of the current items in stock. The purpose of this list is to ensure accurate tracking and management of items; thus, any modification in the inventory necessitates an update to the master list. Maintaining an accurate inventory is essential for compliance and operational effectiveness, particularly in the context of Aircrew Flight Equipment where precision is critical. While periodic audits and the creation of new lists serve important functions in inventory management, they do not inherently affect the validity of the existing master inventory list unless there has been a change in the actual contents being inventoried. Thus, option B accurately captures the condition that invalidates the master inventory list.*

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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](mailto:hello@examzify.com).

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

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

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