

SENIOR RIGGER PRACTICE TEST (SAMPLE)

STUDY GUIDE



**SAMPLE STUDY GUIDE
WITH LIMITED QUESTIONS**

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THE FULL VERSION STUDY GUIDE**

<https://seniorrigger.examzify.com>



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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. Who can pack, maintain, or alter the auxiliary parachute of a single harness dual parachute pack?**
 - A. An appropriately certificated and type-rated parachute rigger
 - B. Any certificated parachute rigger or the parachute user
 - C. Any person involved with the parachute use
 - D. An unqualified technician

- 2. How many parachutes must a certificated Master Parachute Rigger have packed to apply for an additional type rating?**
 - A. 20 parachutes
 - B. 100 parachutes
 - C. 50 parachutes
 - D. 30 parachutes

- 3. What is the main purpose of a rigging plan?**
 - A. To account for personnel on site
 - B. To outline the procedures and safety measures for a specific lift
 - C. To determine the type of machinery required
 - D. To train new riggers on equipment

- 4. When is an Airworthiness Directive (AD) typically issued for a product?**
 - A. When packing and service instructions are inadequate
 - B. When an unsafe condition is identified in a product
 - C. When product failure has not yet occurred
 - D. When a product has been in service for a long time

- 5. What are the potential hazards of flying loads?**
 - A. Ground vibration and thermal expansion
 - B. Falling objects, swinging, and inadequately secured loads
 - C. Excessive load weight and material degradation
 - D. Nearby construction noise and distractions

- 6. What is the significance of the center of gravity in lifting operations?**
- A. It determines the weight of the load
 - B. It indicates where to attach the rigging equipment
 - C. It affects the balance and stability of the load during lift
 - D. It has no impact on lifting safety
- 7. What is the "golden rule" related to rigging safety?**
- A. Always double-check equipment before use
 - B. Always have a clear line of communication and awareness of the load's movement
 - C. Always lift with your legs, not your back
 - D. Always operate slowly to prevent accidents
- 8. What is an important consideration when packing a parachute?**
- A. Using the same technique for all types of parachutes
 - B. Considering environmental factors
 - C. Only focusing on aesthetics
 - D. Using personal judgment over guidelines
- 9. Why is it crucial to understand the ratings of rigging equipment?**
- A. To maximize efficiency during use
 - B. To use equipment safely within its load limits
 - C. To determine when to replace equipment
 - D. To ensure compliance with insurance requirements
- 10. If a rigger hasn't performed duties under their certificate for the last 12 months, what must they do?**
- A. Review the manufacturer's instructions prior to packing a parachute
 - B. Pack a parachute under the supervision of a Master Parachute Rigger
 - C. Show the FAA Administrator their competencies
 - D. Take a refresher course on parachute packing

Answers

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

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Explanations

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1. Who can pack, maintain, or alter the auxiliary parachute of a single harness dual parachute pack?

- A. An appropriately certificated and type-rated parachute rigger**
- B. Any certificated parachute rigger or the parachute user
- C. Any person involved with the parachute use
- D. An unqualified technician

The correct answer is that only an appropriately certificated and type-rated parachute rigger can pack, maintain, or alter the auxiliary parachute of a single harness dual parachute pack. This requirement is in place to ensure safety and compliance with aviation regulations. Parachutes are complex devices that require a deep understanding of their mechanics and appropriate packing techniques to function safely and effectively. A certificated rigger has undergone specialized training and testing that equips them with the knowledge necessary to handle parachute systems securely. This includes understanding the specific design and operational characteristics of different parachute types, including auxiliary parachutes. Having a skilled rigger pack or maintain the parachute ensures that it is done correctly, minimizing the risks associated with parachute malfunction during a jump. The complexities involved with such tasks, including the discrepancies between various parachute designs and the precise handling techniques required for safe operation, underscore the importance of using qualified personnel. This level of responsibility cannot be entrusted to anyone without proper certification and type rating, as doing so could lead to dangerous situations or accidents.

2. How many parachutes must a certificated Master Parachute Rigger have packed to apply for an additional type rating?

- A. 20 parachutes**
- B. 100 parachutes
- C. 50 parachutes
- D. 30 parachutes

The correct number of parachutes that a certificated Master Parachute Rigger must have packed to apply for an additional type rating is 20. This requirement is part of the regulatory framework set forth by aviation authorities, which outlines the necessary experience and practical requirements for riggers to expand their qualifications. Verifying that a rigger has packed a sufficient number of parachutes ensures that they possess the necessary skills and familiarity with various types of equipment. Having packed 20 parachutes demonstrates a level of competency that reflects hands-on experience, which is crucial for safety and professionalism in the field. This number was established to ensure that riggers have not only theoretical knowledge but also practical expertise before they can take on the responsibility of packing more complex systems associated with different types of parachutes or harnesses. The other options, such as 30, 50, or 100 parachutes, exceed this specified requirement and do not align with the established standards for additional type rating applications. By requiring 20 packed parachutes, the regulation seeks to maintain a standard that balances both safety and accessibility within the profession.

3. What is the main purpose of a rigging plan?

- A. To account for personnel on site
- B. To outline the procedures and safety measures for a specific lift**
- C. To determine the type of machinery required
- D. To train new riggers on equipment

The main purpose of a rigging plan is to outline the procedures and safety measures for a specific lift. A well-developed rigging plan serves as a detailed guide that specifies how to safely lift and move a load, ensuring that all potential risks are identified and addressed. It includes information such as load weights, center of gravity, rigging methods, equipment to be used, roles of personnel, and emergency procedures. This plan is critical for maintaining safety and efficiency during lifting operations, as it helps prevent accidents and ensures compliance with safety regulations. By clearly defining the steps and precautions necessary for a particular lift, it enhances communication among the rigging team and contributes to a controlled environment for the operation.

4. When is an Airworthiness Directive (AD) typically issued for a product?

- A. When packing and service instructions are inadequate
- B. When an unsafe condition is identified in a product**
- C. When product failure has not yet occurred
- D. When a product has been in service for a long time

An Airworthiness Directive (AD) is issued specifically when an unsafe condition is identified in an aircraft product. This regulatory requirement serves to notify owners and operators about potential safety issues that could affect the performance of the product and ensure that necessary corrective actions are taken to mitigate risks to flight safety. The main purpose of an AD is to address safety concerns that could lead to an incident or accident if not rectified, which is why it is crucial for maintaining the airworthiness of an aircraft. This response mechanism is part of a strict safety oversight framework governing aviation products, striving to prevent accidents caused by known hazards. In contrast, inadequate packing or service instructions, the occurrence of product failure before an AD is issued, or the mere age of a product do not intrinsically trigger the need for an AD. These scenarios might warrant attention or further investigation but do not meet the criteria for issuing an AD, which strictly focuses on identified unsafe conditions.

5. What are the potential hazards of flying loads?

- A. Ground vibration and thermal expansion
- B. Falling objects, swinging, and inadequately secured loads**
- C. Excessive load weight and material degradation
- D. Nearby construction noise and distractions

The potential hazards of flying loads primarily include falling objects, swinging loads, and inadequately secured loads, which are critical considerations in rigging operations. Falling objects can pose severe risks to personnel and equipment below. When a load is lifted and then dropped or released unexpectedly, it can cause injury or damage. This is often due to improper securing or the failure of lifting equipment. Swinging loads present another hazard, as they can move unpredictably due to wind, load imbalance, or sudden movements by the lifting equipment. This swinging action can cause the load to strike individuals or structures, leading to serious accidents. Inadequately secured loads are perhaps one of the most significant risks, as they may shift, fall, or become unstable during the lift. Ensuring that loads are properly rigged and secured is vital in preventing accidents and ensuring safety on the job site. While the other options might imply certain safety considerations in rigging and lifting operations, they do not directly address the acute hazards associated with moving loads in the same manner as the risks outlined. Understanding these specific hazards enables riggers to implement appropriate safety measures and protocols, thereby minimizing risks during operations.

6. What is the significance of the center of gravity in lifting operations?

- A. It determines the weight of the load
- B. It indicates where to attach the rigging equipment
- C. It affects the balance and stability of the load during lift**
- D. It has no impact on lifting safety

The significance of the center of gravity in lifting operations is fundamentally linked to its impact on the balance and stability of the load during the lift. The center of gravity is the point where the weight of a body is evenly distributed in all directions; thus, knowing its location is crucial in rigging and lifting operations. When lifting an object, if the center of gravity is not correctly identified and accounted for, the load may become unstable and tend to tip or sway. This can lead to dangerous situations, such as dropping the load or causing injury to personnel involved in the lift. Properly aligning the rigging equipment with the center of gravity ensures that the load remains balanced and moves smoothly throughout the lifting process, thereby enhancing safety. Understanding the center of gravity allows riggers to make informed decisions on rigging points and lifting techniques, which directly contribute to the stability and control of the load during transport. Therefore, its correct identification and application are critical for safe and efficient lifting operations.

7. What is the "golden rule" related to rigging safety?

- A. Always double-check equipment before use
- B. Always have a clear line of communication and awareness of the load's movement**
- C. Always lift with your legs, not your back
- D. Always operate slowly to prevent accidents

The "golden rule" related to rigging safety emphasizes the importance of maintaining clear communication and situational awareness regarding the movement of loads. This principle is vital because rigging often involves multiple team members working together to ensure that loads are lifted and moved safely. When everyone involved has a shared understanding of what is happening, including the direction of the load's movement and any potential hazards, the likelihood of accidents decreases significantly. Effective communication helps anticipate changes that might occur during the lift, such as adjustments in load positioning or unexpected shifts, allowing all team members to respond appropriately. This principle underscores that safety is a collective responsibility; when everyone is aware and informed, it creates a safer working environment and enhances overall operational efficiency. Other rules related to equipment checks, proper lifting techniques, and cautious operations contribute to safety but do not encapsulate the foundational necessity of communication and awareness that this golden rule does.

8. What is an important consideration when packing a parachute?

- A. Using the same technique for all types of parachutes
- B. Considering environmental factors**
- C. Only focusing on aesthetics
- D. Using personal judgment over guidelines

An important consideration when packing a parachute is taking environmental factors into account. This is crucial because different environmental conditions such as humidity, temperature, and altitude can affect the performance and reliability of the parachute. For example, high humidity can cause the parachute material to become heavier or more susceptible to mold and degradation, while extreme cold can affect the stiffness of the lines and fabric. Understanding these factors can help ensure that the parachute is packed correctly to function optimally in the conditions it will encounter. In addition, environmental considerations may include assessing wind conditions, which can influence the way the parachute will deploy and function during descent. Recognizing the impact of these conditions during the packing process helps to enhance safety and effectiveness during parachute operations.

9. Why is it crucial to understand the ratings of rigging equipment?

- A. To maximize efficiency during use
- B. To use equipment safely within its load limits**
- C. To determine when to replace equipment
- D. To ensure compliance with insurance requirements

Understanding the ratings of rigging equipment is crucial primarily for safety. Rigging equipment is designed to carry specific loads based on its ratings, which include factors like load capacity, material strength, and environmental considerations. By knowing these ratings, riggers can ensure that the equipment is used within its safe limits, minimizing the risk of equipment failure, accidents, or injuries. Exceeding the rated capacity of rigging gear can lead to catastrophic failures, which can result in severe consequences, including property damage and personal injury. While maximizing efficiency, determining replacement needs, and ensuring compliance with insurance requirements are all important aspects of rigging practices, they stem from the foundational need to ensure safety when using rigging equipment. Only by understanding the load ratings can one make informed decisions that enhance efficiency without compromising safety, know when to phase out equipment that no longer meets safety standards, or align practices with applicable insurance policies. Therefore, the correct focus is on the safe usage of rigging equipment within its rated limits.

10. If a rigger hasn't performed duties under their certificate for the last 12 months, what must they do?

- A. Review the manufacturer's instructions prior to packing a parachute
- B. Pack a parachute under the supervision of a Master Parachute Rigger
- C. Show the FAA Administrator their competencies**
- D. Take a refresher course on parachute packing

In the context of maintaining competency as a rigger, especially after a hiatus from active duties, demonstrating competencies to the FAA Administrator is essential. This requirement ensures that the rigger is still capable of performing their duties safely and effectively, adhering to the standards set by the Federal Aviation Administration. The rationale behind this requirement is rooted in safety and compliance. The rigger must showcase that they have retained the necessary skills and knowledge, which may degrade over time if not actively practiced. By presenting their competencies, the rigger is reaffirming their qualifications and readiness to engage in their role responsibly. Options that imply supervised practice or review of manufacturer instructions do not fulfill the FAA's requirement for demonstrating competencies on a formal level and do not provide assurance of the rigger's individual capability after a 12-month absence from active duties. The FAA's emphasis is on proof of competence rather than reliance on ongoing supervision or coursework as the sole means to ensure readiness for responsibilities.

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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://seniorrigger.examzify.com>

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

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