FORT DRUM PHASE 2 AIR ASSAULT 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.

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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 is the empty weight for the 5K system?

A. 58 LBS

B. 96 LBS

C. 5,000 LBS

D. 10,000 LBS

2. What is one primary use of the 1/4 inch cotton webbing?

A. Used to cushion loads

B. Used as a breakaway

C. Used to secure cargo in vehicles

D. Used as a permanent tie down

3. What is the cargo hook capacity of the CH-47D/F Center hook?

A. 26,000 LBS

B. 17,000 LBS

C. 25,000 LBS

D. 30,000 LBS

4. What is the CH-47D/F Fore & Aft cargo hook capacity?

A. 26,000 LBS

B. 17,000 LBS

C. 30,000 LBS

D. 25,000 LBS

5. What is the CH-47D/F Dual Hook capacity (Fore & Aft)?

A. 25,000 LBS

B. 30,000 LBS

C. 17,000 LBS

D. 26,000 LBS

6. What is the minimum depth for the grounding rod in loose sandy or loose soil?

A. 6-8 inches

B. 12 inches

C. 18 inches

D. 24 inches

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7. In a dual-point sling load, how many loads and hooks are used?

A. One load rigged, uses two cargo hooks

B. One load rigged, uses one cargo hook

C. Two loads rigged, one in front of the other

D. Two loads rigged, one beside the other

8. What is the rating for the 3/8 inch Hemp Rope?

A. 3,180 LBS

B. 2,000 LBS

C. 4,000 LBS

D. 1,500 LBS

9. Which option is not a listed method to improve in-flight stability?

A. Hover flight

B. Nose down attitude

C. Redistribute weight of sling load

D. Install a drag chute

10. What is the Aviation Unit responsible for during a sling load operation?

A. Only advising on landing site

B. Coordinating with the other units; Advise supporting unit on helicopters capabilities; Advising on suitability of selected landing site; Assist in recovery and return

C. Coordinating with the pilots

D. Providing ground crew for rigging

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Answers

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

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Explanations

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1. What is the empty weight for the 5K system?

A. 58 LBS

B. 96 LBS

C. 5,000 LBS

D. 10,000 LBS

Empty weight is the system's mass by itself, with no batteries, water, gear, or payload attached. For the 5K system, the documented bare mass is 58 pounds, meaning that's how much the system weighs when it's not loaded with anything extra. This baseline is used to plan how much additional load you can safely carry and to understand how the system will handle and balance during operation. The other numbers don't reflect the system's own weight: 96 pounds would include some load, while 5,000 and 10,000 pounds are not plausible for a portable military system and likely come from a misinterpretation or different equipment. So, 58 pounds is the correct empty weight.

2. What is one primary use of the 1/4 inch cotton webbing?

A. Used to cushion loads

B. Used as a breakaway

C. Used to secure cargo in vehicles

D. Used as a permanent tie down

The idea here is using a breakaway method to allow a quick release of a load. A 1/4 inch cotton webbing is chosen because its strength is enough for a simple, fail-safe release without needing tools, and its thin, flexible nature makes it easy to tie and actually separates cleanly when a release is required. In air-assault operations, you want a safe way to detach equipment quickly if something shifts, snags, or if you need to drop or abandon a load safely. This makes it suitable for a breakaway connection. Cushioning loads would rely on padding materials, which this fabric isn't designed to provide. Securing cargo in vehicles typically calls for stronger, more durable tie-downs that can withstand continuous load without breaking. A permanent tie down implies a durable, long-lasting setup, whereas a breakaway is meant to release under certain conditions, not remain fixed. So the best use is as a breakaway.

3. What is the cargo hook capacity of the CH-47D/F Center hook?

A. 26,000 LBS

B. 17,000 LBS

C. 25,000 LBS

D. 30,000 LBS

The center cargo hook on the CH-47D/F is rated for 26,000 pounds. This weight limit comes from the aircraft's external-load specifications and defines the maximum single-point lift the center hook can safely handle while preserving the airframe and flight safety margins. Staying at or below this limit ensures proper load distribution, maintains controllability, and prevents overstressing the aircraft during flight. Heavier loads would require separate lifts or use of different rigging or configurations, not a single-center-hook load.

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4. What is the CH-47D/F Fore & Aft cargo hook capacity?

A. 26,000 LBS

B. 17,000 LBS

C. 30,000 LBS

D. 25,000 LBS

The question is about how much weight a CH-47D/F external cargo hook can safely carry on each hook. For this helicopter, each fore or aft cargo hook is rated at 17,000 pounds. This means a single hook should not be loaded beyond 17,000 pounds. If you use both hooks at the same time, you could theoretically lift more (34,000 pounds total from both hooks), but you must still stay within the helicopter's overall external load limits and proper load distribution as dictated by the load plan and aircraft certificate. The other numbers exceed the per-hook rating and aren't the correct per-hook capacity.

5. What is the CH-47D/F Dual Hook capacity (Fore & Aft)?

A. 25,000 LBS

B. 30,000 LBS

C. 17,000 LBS

D. 26,000 LBS

The key idea is that two cargo hooks on the CH-47 are rated for a single, combined external load. When you use both the fore and aft hooks together, the helicopter is certified to lift up to 25,000 pounds. This limit comes from the aircraft's structural design, powertrain and rotor system, and the stability requirements needed to keep the helicopter controllable while carrying heavy payloads. The load can be split between the two hooks as needed for balance, but the total must not exceed 25,000 pounds to stay within safe operating limits. Values higher than 25,000 pounds would push beyond the certified dual-hook capacity, while a number like 17,000 pounds wouldn't reflect the published dual-hook limit.

6. What is the minimum depth for the grounding rod in loose sandy or loose soil?

A. 6-8 inches

B. 12 inches

C. 18 inches

D. 24 inches

Grounding rods need to reach enough depth to create a solid, low-resistance path to earth, especially in soils that don't conduct well. In loose sandy soil, moisture and stability are variable, so driving the rod down to two feet places it in soil that's less prone to surface disturbance and movement, giving a more reliable contact. This depth helps prevent the rod from being easily pulled out and provides a more dependable path for fault current, which is essential for safety. While deeper penetration can reduce resistance further, two feet is the practical minimum for this soil type, making twenty-four inches the appropriate minimum depth. Shallower depths leave the rod exposed to surface conditions and poorer grounding performance.

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7. In a dual-point sling load, how many loads and hooks are used?

A. One load rigged, uses two cargo hooks

B. One load rigged, uses one cargo hook

C. Two loads rigged, one in front of the other

D. Two loads rigged, one beside the other

A dual-point sling load uses two attachment points to support a single item. The load is rigged once and connected to two cargo hooks, providing two-point support that improves stability and balance during lift. Using only one cargo hook would be a single-point sling, not dual-point. Carrying two loads describes two separate payloads, which isn't the standard dual-point configuration for a single load (the two-point setup is about how that one load is attached, not about placing two loads).

8. What is the rating for the 3/8 inch Hemp Rope?

A. 3,180 LBS

B. 2,000 LBS

C. 4,000 LBS

D. 1,500 LBS

Rope ratings reflect the maximum load the rope can withstand before it fails. For a 3/8 inch hemp rope, the standard breaking strength is about 3,180 pounds. This means that under controlled conditions the rope would fail near that load, and in practice you'd use a safety factor to determine a safe working load well below it. The other options don't fit because they imply loads either far below or above the typical breaking strength for this diameter and material; 4,000 pounds would exceed hemp rope's usual limit, while 1,500 and 2,000 pounds are below its expected rating for 3/8 inch hemp rope. Also, keep in mind factors like moisture, wear, knots, and age can lower the actual strength from the nominal rating.

9. Which option is not a listed method to improve in-flight stability?

A. Hover flight

B. Nose down attitude

C. Redistribute weight of sling load

D. Install a drag chute

Improving in-flight stability with a sling-load comes from actively damping the load's motion and tuning the system's geometry. A nose-down attitude helps keep the load line more stable, reducing the pendulum effect that can cause sway. Redistributing the weight of the sling load shifts the combined center of gravity to a position that lowers swing and makes attitude changes less dramatic. Installing a drag chute adds aerodynamic drag that damps oscillations of the suspended load, increasing stability in variable air conditions. Hovering, by itself, doesn't actively damp or control the load's motion; it's just holding position and doesn't address the dynamic stability of the sling load. Therefore, hovering is not a listed method to improve in-flight stability.

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10. What is the Aviation Unit responsible for during a sling load operation?

A. Only advising on landing site

B. Coordinating with the other units; Advise supporting unit on helicopters capabilities; Advising on suitability of selected landing site; Assist in recovery and return

C. Coordinating with the pilots

D. Providing ground crew for rigging

During sling load operations, the Aviation Unit serves as the planning and coordination hub between air and ground elements. It ties together the action by coordinating with the supported unit and other units to align the lift plan, informs the ground team about helicopter capabilities to ensure the load is appropriate for the aircraft, and evaluates the selected landing site for safety and feasibility—considering size, obstacles, surface, and approach/departure paths. It also stays involved in recovering and returning the load after the lift, guiding the process to ensure the operation can be completed safely and efficiently. This broad, integrative role reflects how the Aviation Unit supports the mission beyond just one aspect like landing-site advice or pilot coordination alone.

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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://fortdrumphase2airassault.examzify.com

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

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