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.

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

1. How many breakaways does the M1097 HMMWV have?

A. 0 Breakaway

B. 1 Breakaway

C. 2 Breakaways

D. 3 Breakaways

2. What is the 5K Net Max Weight?

A. 58 LBS

B. 96 LBS

C. 5,000 LBS

D. 10,000 LBS

3. Which of the following is a limitation to sling load operations?

A. Surface Conditions

B. Airframe corrosion

C. Extended service life

D. Noise complaints

4. Which of the following describes the responsibilities of the supporting unit in a sling load operation?

A. - Pick Up site selection only; - Provide ground crew to rig and inspect a single load

B. - Verify total weight of load; - Designating safe rendezvous point away from helicopter for emergencies

C. - Pick Up site selection and control; Copies of the sling load inspection record (DA Form 7382); Verify total weight of load; Provide ground crew to rig and inspect all loads; All sling load equipment needed for sling load; Designating safe rendezvous point away from helicopter for emergencies

D. - Coordinate with Aviation Unit; - Advise on landing site

5. What is the maximum weight of the M1097 HMMWV?

A. 8,000 LBS

B. 10,000 LBS

C. 12,000 LBS

D. 9,000 LBS

6. What is the minimum safe weight of a sling load to fly?

A. 500 LBS

B. 1000 LBS

C. 250 LBS

D. 750 LBS

7. Which is heavier: M1097 HMMWV ACL or M1101 Trailer ACL?

A. M1101 Trailer ACL

B. M1097 HMMWV ACL

C. Both weigh the same

D. Cannot be determined

8. Which combination correctly lists all five factors that affect helicopter lift capacity (W.H.A.T.F)?

A. Wind; Humidity; Altitude; Temperature; Fuel

B. Wind; Heat; Altitude; Temperature; Fuel

C. Wind; Humidity; Altitude; Temperature

D. Wind; Humidity; Humidity; Temperature; Fuel

9. What is the maximum weight of the M149 Water Buffalo?

A. 5,960 LBS

B. 6,120 LBS

C. 6,060 LBS

D. 6,000 LBS

10. What is the rope color for the 10k sling set?

A. Black

B. Coyote Brown

C. Olive Drab

D. Gray

Answers

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

Explanations

1. How many breakaways does the M1097 HMMWV have?

A. 0 Breakaway

B. 1 Breakaway

C. 2 Breakaways

D. 3 Breakaways

Breakaway features are included to ensure quick crew escape in an emergency by allowing a part of the vehicle to separate or detach without delay. The M1097 HMMWV is configured with a single breakaway, meaning there is one removable or detachable component designed for rapid egress rather than multiple points. Keeping just one breakaway reduces weight and maintenance while still providing a straightforward option for crew exit when needed.

2. What is the 5K Net Max Weight?

A. 58 LBS

B. 96 LBS

C. 5,000 LBS

D. 10,000 LBS

The 5K Net Max Weight means a 5,000-pound payload is the maximum you can plan for under a 5K (5,000-pound) rating. The term "5K" stands for 5,000, and "Net" refers to the load's weight itself, excluding the rigging hardware used to attach it. So, the maximum load you can sling without exceeding the rating is 5,000 pounds. The other options don't fit because 58 or 96 pounds are far too small for a 5K rating, and 10,000 pounds would exceed the 5K limit.

3. Which of the following is a limitation to sling load operations?

A. Surface Conditions

B. Airframe corrosion

C. Extended service life

D. Noise complaints

Airframe corrosion directly compromises the strength and integrity of the load-bearing structure. Sling loads put dynamic, shock-like stresses on the airframe, especially at attachment points and load paths. If corrosion is present, it can thin material, create pits and cracks, and hide hidden damage, all of which reduce fatigue life and safety margins. In these conditions a lift could exceed the weakened capacity, risking structural failure during flight. That direct impact on safety is why airframe corrosion is the limiting factor for sling load operations. Surface conditions affect ground handling and the immediate environment but don't inherently limit the aircraft's ability to carry a sling load in flight. Extended service life and noise complaints relate more to maintenance scheduling or community relations than to the immediate operational safety of a lift.

4. Which of the following describes the responsibilities of the supporting unit in a sling load operation?

A. - Pick Up site selection only; - Provide ground crew to rig and inspect a single load

B. - Verify total weight of load; - Designating safe rendezvous point away from helicopter for emergencies

C. - Pick Up site selection and control; Copies of the sling load inspection record (DA Form 7382); Verify total weight of load; Provide ground crew to rig and inspect all loads; All sling load equipment needed for sling load; Designating safe rendezvous point away from helicopter for emergencies

D. - Coordinate with Aviation Unit; - Advise on landing site

The task tests what the supporting unit must handle on the ground to enable a safe and effective sling load. The supporting unit is responsible for selecting and controlling the pick-up site, maintaining and providing copies of the sling load inspection records (DA Form 7382), verifying the total weight of the load, and supplying ground crews to rig and inspect all loads with all the sling load equipment needed. They also designate a safe rendezvous point away from the helicopter for emergencies to keep the crew clear of the aircraft's operating area. Collectively, these duties ensure the load is rigged correctly, weighed, inspected, and supported with the proper gear, while upholding safety procedures. Other options either omit essential tasks or assign responsibilities to the aviation unit (such as coordinating with the Aviation Unit or advising on landing site), which fall outside the ground-support scope.

5. What is the maximum weight of the M1097 HMMWV?

A. 8,000 LBS

B. 10,000 LBS

C. 12,000 LBS

D. 9,000 LBS

The weight limit being asked is the vehicle's maximum gross vehicle weight rating (GVWR). GVWR is the total permissible weight of the vehicle when loaded, including the vehicle itself, fuel, passengers, and cargo. For the M1097 HMMWV, that rating is 10,000 pounds. This means you should not exceed 10,000 pounds total load, or you risk overloading the tires, brakes, and suspension, which can compromise safety and performance. The other options fall short of the published GVWR, which is why 10,000 pounds is the correct maximum.

6. What is the minimum safe weight of a sling load to fly?

A. 500 LBS

B. 1000 LBS

C. 250 LBS

D. 750 LBS

In sling load operations, the load must be heavy enough to fly safely. A sling load that's too light can behave like a pendulum, swinging with gusts and rotor wash, making it hard for the pilot to control the helicopter during hover, transport, and set-down. The minimum safe weight is the smallest load that still provides enough inertia and damping to keep the sling stable while staying within the aircraft's flight limits. Five hundred pounds is the smallest load that meets that safety margin. It gives the load enough mass to dampen oscillations and maintain controllability, while still being within the helicopter's lift and handling capabilities. Heavier loads, like seven hundred fifty or one thousand pounds, are safe but not the minimum. A quarter-ton (two hundred fifty pounds) is too light to meet the stability and handling requirements for sling loads.

7. Which is heavier: M1097 HMMWV ACL or M1101 Trailer ACL?

A. M1101 Trailer ACL

B. M1097 HMMWV ACL

C. Both weigh the same

D. Cannot be determined

ACL stands for the maximum weight of cargo a platform can safely carry. The M1097 HMMWV is a powered vehicle designed to haul crew and gear inside and on its bed, so its allowable cargo load is higher. The M1101 trailer, being a lighter, towed unit with smaller dimensions and axle ratings, can carry less cargo overall. So the heavier ACL belongs to the M1097 HMMWV.

8. Which combination correctly lists all five factors that affect helicopter lift capacity (W.H.A.T.F)?

A. Wind; Humidity; Altitude; Temperature; Fuel

B. Wind; Heat; Altitude; Temperature; Fuel

C. Wind; Humidity; Altitude; Temperature

D. Wind; Humidity; Humidity; Temperature; Fuel

Lift capacity depends on two forces: the air the rotor can push against (which determines lift) and the weight the rotor must hold. The factors that change air density are wind, humidity, altitude, and temperature, while fuel changes the weight. So the five factors that affect helicopter lift capacity are wind, humidity, altitude, temperature, and fuel. Humidity lowers air density a bit, altitude and temperature lower density more, wind can alter rotor efficiency and the amount of lift needed for a hover or climb, and fuel adds weight that reduces the lift margin available. The other options omit one of these density effects or replace humidity with heat, so they don't capture all five factors.

9. What is the maximum weight of the M149 Water Buffalo?

A. 5,960 LBS

B. 6,120 LBS

C. 6,060 LBS

D. 6,000 LBS

When figuring the maximum weight of the M149 Water Buffalo, add what the trailer itself weighs empty to the weight of the water it can carry. The M149 is a 500-gallon water trailer, and water weighs about 8.34 pounds per gallon. That's 500 × 8.34 ≈ 4,170 pounds of water. The empty trailer weight is around 1,890 pounds. Add them together and you get roughly 6,060 pounds, which is the maximum loaded weight. This aligns with the common specification for the M149 and is why 6,060 pounds is the correct answer.

10. What is the rope color for the 10k sling set?

A. Black

B. Coyote Brown

C. Olive Drab

D. Gray

Color coding for sling loads helps you quickly identify the capacity and type of gear you're using. For the 10,000-pound sling set, the rope is olive drab because that is the standard color used on the 10k kit in Army sling-load procedures. This consistent color coding lets you verify you're using the correct rope with the correct hardware during preflight and loading, reducing the chance of mismatches in a high-pressure environment. The other colors listed aren't associated with the 10k sling set in this coding scheme, so they wouldn't indicate the proper rope for this capacity.

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!