

US Marine Corps FMF CORE Weapons Fundamentals (109) Practice Test (Sample)

Study Guide



Everything you need from our exam experts!

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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. Operation EARNEST WILL is an example of which MOOTW mission?**
 - A. Protection of Shipping**
 - B. Noncombatant Evacuation Operations**
 - C. Humanitarian Aid**
 - D. Nation Assistance/Counterinsurgency**

- 2. What is the designation of the Blackjack?**
 - A. RQ-21A**
 - B. MQ-9 Reaper**
 - C. X-47B**
 - D. RQ-170**

- 3. What capability do MPF ships provide for the US Marine Corps at sea?**
 - A. They provide supplies for a Marine Expeditionary Brigade at sea for 30 days.**
 - B. They deploy fighters from sea to air.**
 - C. They provide hospital care at sea.**
 - D. They mine harbors.**

- 4. The H-1 program consists of which aircraft?**
 - A. AH-1Z/AH-1W/UH-1Y**
 - B. AH-1Z/AH-1W**
 - C. UH-60/UH-1N**
 - D. AH-64 Apache**

- 5. Which capability is listed for the Hercules?**
 - A. Ground/aerial refueling services**
 - B. Aerial bombing**
 - C. Anti-submarine warfare**
 - D. Stealth operations**

- 6. Which Lightning II variant is STOVL?**
- A. F-35B**
 - B. F-35A**
 - C. F-35C**
 - D. F-35D**
- 7. What is the designation of the Hercules aircraft?**
- A. KC130J/T**
 - B. C-130H**
 - C. C-130J**
 - D. KC-135**
- 8. In MOUT, which level involves tunnels and underground spaces?**
- A. Building level**
 - B. Street level**
 - C. Subterranean Level**
 - D. Air level**
- 9. The RQ-21A uses which recovery method to launch and recover its aircraft?**
- A. Sky Hook Recovery System**
 - B. Net recovery**
 - C. Deck-based catapult**
 - D. Manual hand launch**
- 10. Which of the following is NOT part of the Super Cobra's armament?**
- A. 20mm Cannon**
 - B. AGM-114 Hellfire**
 - C. 2.75 inch Rockets**
 - D. GAU-17 Minigun**

Answers

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

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Explanations

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1. Operation EARNEST WILL is an example of which MOOTW mission?

- A. Protection of Shipping**
- B. Noncombatant Evacuation Operations**
- C. Humanitarian Aid**
- D. Nation Assistance/Counterinsurgency**

The main idea being tested is recognizing which MOOTW mission best fits an operation that focuses on safeguarding commercial shipping lanes and maintaining free navigation. Operation Earnest Will was the U.S. Navy's program in the Persian Gulf during the Iran-Iraq War to escort Kuwaiti oil tankers and protect shipping from interdiction. This is a clear example of Protection of Shipping, a MOOTW mission centered on ensuring the safe passage of merchant vessels and the uninterrupted flow of commerce. It isn't a Noncombatant Evacuation Operation, which involves moving civilians out of danger; nor a Humanitarian Aid mission, which emphasizes relief and assistance to affected people; nor Nation Assistance/Counterinsurgency, which aims to assist a host nation in stabilizing and countering insurgent activity.

2. What is the designation of the Blackjack?

- A. RQ-21A**
- B. MQ-9 Reaper**
- C. X-47B**
- D. RQ-170**

Blackjack is designated RQ-21A. In this naming scheme, R stands for reconnaissance, Q shows it's an unmanned aircraft, 21 identifies the model line, and A is the variant. This small tactical UAV is used by the Navy and Marine Corps for ISR and target acquisition from ships and shore sites. The other platforms listed have different designations and roles: the Reaper is MQ-9 (a larger MALE), the X-47B is a carrier-based unmanned aircraft system demonstrator, and the RQ-170 is a different stealth reconnaissance aircraft. So the designation that matches Blackjack is RQ-21A.

3. What capability do MPF ships provide for the US Marine Corps at sea?

- A. They provide supplies for a Marine Expeditionary Brigade at sea for 30 days.**
- B. They deploy fighters from sea to air.**
- C. They provide hospital care at sea.**
- D. They mine harbors.**

MPF ships are designed to keep a Marine Expeditionary Brigade fed, equipped, and ready at sea without waiting for shore-based lift. They carry prepositioned equipment, vehicles, ammunition, fuel, and other supplies so a MEB can begin operations within days of arrival, with about 30 days of sustainment available at sea. This allows rapid deployment and initial combat capability while follow-on forces and onshore resources are brought in. MPF ships are not intended for air combat roles, hospital care, or mine warfare, which are handled by other Navy-Marine Corps assets. In short, their primary capability is providing at-sea supplies for a Marine Expeditionary Brigade for roughly 30 days.

4. The H-1 program consists of which aircraft?

- A. AH-1Z/AH-1W/UH-1Y**
- B. AH-1Z/AH-1W**
- C. UH-60/UH-1N**
- D. AH-64 Apache**

The H-1 program is the Marine Corps effort to modernize and standardize its Cobra and Huey families into a common, upgraded helicopter set. The aircraft in this program are the AH-1Z Viper, the AH-1W Super Cobra, and the UH-1Y Venom. This combination is chosen because they share upgraded airframes, avionics, engines, and weapons integration, providing improved survivability, interoperability, and maintainability across Marine aviation. Other options include aircraft that are not part of this modernization effort—larger Army platforms or older Huey variants not included in the H-1 program—so they don't fit the intended set.

5. Which capability is listed for the Hercules?

- A. Ground/aerial refueling services**
- B. Aerial bombing**
- C. Anti-submarine warfare**
- D. Stealth operations**

The Hercules' listed capability is ground and aerial refueling support. In tanker variants like the KC-130, this aircraft can transfer fuel to other aircraft in flight (and also be refueled on the ground), using a hose-and-drogue system. This extends the range and endurance of both fixed-wing and rotary-wing assets, making it a versatile force multiplier for Marine operations. The other options don't fit its role: aerial bombing is not a typical mission for a transport, anti-submarine warfare requires specialized sensors and weapons, and stealth operations are not associated with the C-130's design.

6. Which Lightning II variant is STOVL?

- A. F-35B**
- B. F-35A**
- C. F-35C**
- D. F-35D**

Short Take-Off and Vertical Landing describes the ability to lift off from a short distance and to land vertically. The Lightning II variant designed for this capability is the F-35B. It carries a lift-producing system that includes a shaft-driven lift fan behind the cockpit and a swiveling rear nozzle. The lift fan provides upward thrust for vertical lift, while the rear exhaust nozzle can deflect downward to enable a vertical landing. When in forward flight, the system transitions to standard jet propulsion for forward thrust, and the lift system is stowed as needed. The other variants are configured for conventional takeoff and landing or carrier operations with catapult launches and arrested landings, not vertical takeoff and landing. There is no production variant designated as a D.

7. What is the designation of the Hercules aircraft?

- A. KC130J/T**
- B. C-130H**
- C. C-130J**
- D. KC-135**

The Hercules name refers to the C-130 family, and in Marine Corps service the designation shows its role as a tanker/transport. When the aircraft is used for aerial refueling and cargo, the prefix KC indicates tanker/transport duty, and the modern variant is the C-130J while the older version was the C-130T. Therefore, the designation that covers the Hercules in Marine use is KC-130J/T, which is why that option is the best answer. The other options either refer to non-tanker cargo versions (C-130H or C-130J without the tanker designation) or to a completely different aircraft (KC-135).

8. In MOUT, which level involves tunnels and underground spaces?

- A. Building level**
- B. Street level**
- C. Subterranean Level**
- D. Air level**

In MOUT training, environments are categorized by levels that reflect the unique challenges of different spaces. The level that involves tunnels and underground spaces is the subterranean level. This environment includes underground passages, tunnels, basements, subway tunnels, and other below-ground areas where visibility is limited, navigation is tricky, and hazards like restricted air, water, or structural constraints are common. Understanding this distinction helps you prepare for the specific movement, communication, and safety considerations needed when operating underground.

9. The RQ-21A uses which recovery method to launch and recover its aircraft?

- A. Sky Hook Recovery System**
- B. Net recovery**
- C. Deck-based catapult**
- D. Manual hand launch**

The RQ-21A Blackjack relies on a Sky Hook Recovery System because it is designed for efficient shipboard launch and recovery without needing a runway, net, or catapult. The aircraft carries a small hook that engages a retrieval line deployed from the ship; once snagged, a winch aboard the vessel reels in the line and brings the UAV onto a deck cradle or into a recovery setup. This method allows quick turnaround in austere maritime environments and on limited deck space. A net recovery would require a large deck net, a deck-based catapult would need heavy launch hardware, and manual hand launch isn't practical for this platform, so the Sky Hook system is the best fit for how the RQ-21A operates.

10. Which of the following is NOT part of the Super Cobra's armament?

- A. 20mm Cannon**
- B. AGM-114 Hellfire**
- C. 2.75 inch Rockets**
- D. GAU-17 Minigun**

The Super Cobra is equipped for both direct fire and guided/standoff strike: a nose-mounted 20mm cannon provides rapid-close support, it can carry AGM-114 Hellfire missiles for guided anti-armor or anti-structure strikes, and 2.75 inch rockets (hydra/unguided) for area suppression and versatile payloads. A GAU-17 Minigun isn't part of its standard armament; the gun used on this helicopter is the 20mm cannon, not a minigun. So the option that doesn't fit the Super Cobra's typical loadout is the GAU-17 Minigun.

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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://usmarinecorpsfmfcore109.examzify.com>

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

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