

FRONTIER AIRCRAFT FAMILIARIZATION (EXTERNAL/INTERNAL) PRACTICE TEST (SAMPLE) STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

**VISIT US ONLINE FOR
THE FULL VERSION STUDY GUIDE**

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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. How many chimes indicate the activation of the flight attendant call button?**
 - A. Two
 - B. Three
 - C. One
 - D. Four

- 2. What is one of the main functions of the FAP related to temperature?**
 - A. Displaying cabin temperature
 - B. Controlling beverage temperatures
 - C. Monitoring passenger comfort
 - D. Adjusting cargo hold temperature

- 3. Why is it important to maintain a clear flight path during takeoff and landing?**
 - A. To maximize fuel efficiency
 - B. To avoid collisions with obstacles and other aircraft
 - C. To ensure the aircraft reaches cruising altitude quickly
 - D. To allow for smoother passenger comfort

- 4. What is the significance of wing flaps during landing?**
 - A. They reduce drag only
 - B. They enhance fuel efficiency
 - C. They increase lift and drag for slower approach speeds
 - D. They improve engine performance

- 5. What consequence might occur if an aircraft exceeds its weight limits?**
 - A. Improved fuel efficiency
 - B. Enhanced maneuverability
 - C. Compromised performance and increased takeoff distance
 - D. Decreased engine wear

6. What does the term 'sterile flight deck' refer to in cabin communications?

- A. No sound in the cabin
- B. Flight crew silence during critical phases
- C. Passenger announcements
- D. Emergency procedures being communicated

7. What do leading edge slats primarily do?

- A. Increase drag
- B. Decrease weight
- C. Increase lift
- D. Change yaw

8. What does a locking cabinet in galleys provide?

- A. Access to emergency equipment
- B. Storage for valuables and sensitive items
- C. Additional food storage
- D. Cooking appliances

9. What type of landing gear is typically used in Frontier Aircraft?

- A. Tail-wheel landing gear
- B. Monowheel landing gear
- C. Tricycle landing gear
- D. Skid landing gear

10. Which structural component provides strength and shape to the aircraft wings?

- A. Wing skin
- B. Winglets
- C. Control surfaces
- D. Fuselage

Answers

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

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Explanations

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1. How many chimes indicate the activation of the flight attendant call button?

- A. Two
- B. Three
- C. One**
- D. Four

The activation of the flight attendant call button is indicated by a single chime. This single chime serves as a clear and distinct signal that a passenger or crew member has requested the attention of the flight attendants. It's designed to provide a straightforward auditory cue without confusion, ensuring that flight attendants can quickly identify when assistance is needed. The clarity of this signaling helps maintain order and allows for efficient service in the cabin, making it easier for the crew to prioritize their tasks and respond to passenger needs in a timely manner. In contrast, other potential chime patterns may serve different functions or indicate other events, but the specific context of the flight attendant call button relies on a single chime for simplicity and immediacy.

2. What is one of the main functions of the FAP related to temperature?

- A. Displaying cabin temperature**
- B. Controlling beverage temperatures
- C. Monitoring passenger comfort
- D. Adjusting cargo hold temperature

The main function of the Flight Attendant Panel (FAP) related to temperature is to display cabin temperature. This function is crucial for maintaining the comfort and safety of passengers during flight. The FAP allows flight attendants to monitor the current temperature in the cabin, ensuring that it stays within a comfortable range. This information is essential for making adjustments if needed, which supports passenger well-being throughout the flight. While controlling beverage temperatures, monitoring passenger comfort, and adjusting cargo hold temperature are important aspects of cabin service and safety, they are not the primary role of the FAP. The focus of the FAP is specifically on providing data that assists flight attendants in managing the immediate environment of the cabin to ensure a pleasant experience for all onboard.

3. Why is it important to maintain a clear flight path during takeoff and landing?

- A. To maximize fuel efficiency
- B. To avoid collisions with obstacles and other aircraft**
- C. To ensure the aircraft reaches cruising altitude quickly
- D. To allow for smoother passenger comfort

Maintaining a clear flight path during takeoff and landing is critical primarily to avoid collisions with obstacles and other aircraft. These phases of flight are some of the most complex and dynamic, often occurring in congested airspace or near airports where multiple aircraft may be operating in proximity to one another. By ensuring a clear flight path, pilots can navigate safely and decisively, reducing the risk of accidents. During takeoff and landing, the aircraft operates at lower altitudes and slower speeds, which can limit maneuverability. Obstacles such as buildings, trees, and other aircraft present significant hazards. Awareness of the flight path allows pilots to make necessary adjustments in altitude and heading to maintain safety. Additionally, air traffic control provides guidance to help pilots navigate these critical phases safely, further underscoring the importance of a clear flight path in avoiding potential hazards. Other options, while they may be valid considerations in general aviation, do not address the immediate risk of collisions as directly as maintaining a clear flight path does. Thus, safety is paramount, especially in the high-stakes scenario of takeoff and landing.

4. What is the significance of wing flaps during landing?

- A. They reduce drag only
- B. They enhance fuel efficiency
- C. They increase lift and drag for slower approach speeds**
- D. They improve engine performance

Wing flaps are critical components of an aircraft's wing design that play a significant role during landing. When deployed, flaps increase both lift and drag, allowing the aircraft to fly at slower speeds without stalling. This is particularly important during the landing phase, where the aircraft needs to approach the runway at a controlled, reduced speed to ensure safety and precision. By extending the flaps, the pilot can achieve a higher angle of attack without the risk of stalling, which is vital for maintaining lift at low speeds. The added drag created by the flaps helps to decelerate the aircraft, enabling a gentler descent and landing approach. This combination of increased lift and drag allows for safer and more effective landings, as the aircraft can better manage its speed and altitude. In contrast, options that suggest flaps reduce drag only, enhance fuel efficiency, or improve engine performance do not accurately capture the primary function of flaps during landing. While drag is indeed a factor, the essential purpose of wing flaps is to facilitate slower approach speeds by increasing both lift and drag. This capability is crucial for safe landings in various conditions.

5. What consequence might occur if an aircraft exceeds its weight limits?

- A. Improved fuel efficiency
- B. Enhanced maneuverability
- C. Compromised performance and increased takeoff distance**
- D. Decreased engine wear

When an aircraft exceeds its weight limits, it can lead to compromised performance and an increased takeoff distance. Each aircraft is designed with specific weight limits, which are critical for ensuring safe operation. Exceeding these limits can affect various performance factors such as climb rate, maximum altitude, and overall maneuverability. Additionally, a heavier aircraft requires more lift to become airborne, which often means a longer runway distance is needed to reach the necessary speed for takeoff. This can lead to safety concerns, particularly if the runway length is not sufficient to accommodate the additional distance needed for takeoff. Thus, maintaining proper weight within the specified limits is crucial to ensuring optimal performance and safe operation of the aircraft.

6. What does the term 'sterile flight deck' refer to in cabin communications?

- A. No sound in the cabin
- B. Flight crew silence during critical phases**
- C. Passenger announcements
- D. Emergency procedures being communicated

The term "sterile flight deck" specifically refers to a practice where the flight crew maintains silence during critical phases of flight, such as takeoff and landing. This is designed to minimize distractions and ensure that the pilots can concentrate solely on their tasks, enhancing safety during the most crucial moments of flight. The idea is to eliminate unnecessary communication in the cockpit so that the crew can focus on operating the aircraft and managing any potential issues that may arise during these phases. This practice extends to communications from cabin crew to pilots and vice versa, as well as any non-essential conversations among the flight crew. It is crucial for maintaining situational awareness and ensuring that all attention is directed towards flight operation. The other choices do not accurately capture the meaning of "sterile flight deck." For instance, having no sound in the cabin or making passenger announcements does not pertain to the focused communication protocol established for safety during critical flight phases. Similarly, while emergency procedures may be communicated, doing so during a "sterile" phase contradicts the purpose of eliminating distractions.

7. What do leading edge slats primarily do?

- A. Increase drag
- B. Decrease weight
- C. Increase lift**
- D. Change yaw

Leading edge slats are aerodynamic devices that are attached to the front, or leading edge, of an aircraft wing. Their primary function is to enhance the lift characteristics of the wing, particularly during low-speed flight scenarios, such as takeoff and landing. When deployed, slats create a specific airflow pattern that helps to prevent airflow from separating from the wing surface. This is crucial because airflow separation can lead to a stall, which severely reduces lift. By maintaining attached airflow over a greater range of angles of attack, leading edge slats enable the wing to achieve higher lift at slower speeds. This additional lift is essential for providing better control and safety during critical phases of flight when the aircraft operates at lower speeds. In contrast, while leading edge slats can introduce additional drag as a byproduct of their lift-enhancing capabilities, their primary purpose is to increase lift, making them vital components for optimizing the performance of an aircraft during takeoff and landing.

8. What does a locking cabinet in galleys provide?

- A. Access to emergency equipment
- B. Storage for valuables and sensitive items**
- C. Additional food storage
- D. Cooking appliances

A locking cabinet in galleys is specifically designed to provide secure storage for valuables and sensitive items. This feature is crucial in ensuring that important items such as passenger valuables or crew belongings are protected from theft or unauthorized access during the flight. The design of these cabinets incorporates security mechanisms that prevent access except by authorized personnel, making them an essential element in maintaining the safety and integrity of passenger and crew property. Considering the other options, while access to emergency equipment, additional food storage, and cooking appliances are important features found in a galley, they are not the primary purpose of a locking cabinet. Emergency equipment typically has designated storage locations that are easily accessible in a crisis, food storage is usually in larger, more accessible compartments, and cooking appliances are integrated into the galley setup, rather than being stored in locked cabinets.

9. What type of landing gear is typically used in Frontier Aircraft?

- A. Tail-wheel landing gear
- B. Monowheel landing gear
- C. Tricycle landing gear**
- D. Skid landing gear

The typical type of landing gear used in Frontier Aircraft is tricycle landing gear. This configuration features two main wheels located under the wings or fuselage and a nose wheel at the front. The design offers improved stability during takeoff and landing, which is crucial for commercial operations. Tricycle landing gear enhances visibility for the pilot during taxiing and while on the runway, allowing for easier maneuverability. Additionally, this type of gear helps to distribute the aircraft's weight more evenly, reducing wear and tear on the tires and airframe. In contrast, tail-wheel landing gear, commonly associated with older or smaller aircraft, can create challenges in visibility and stability on the ground. Monowheel landing gear is a rare configuration not typically seen in commercial aviation. Skid landing gear, often found in helicopters or certain military aircraft, is not applicable to the design requirements of commercial airliners like those in the Frontier fleet.

10. Which structural component provides strength and shape to the aircraft wings?

A. Wing skin

B. Winglets

C. Control surfaces

D. Fuselage

The wing skin is the outer covering of the wing structure and plays a crucial role in providing both strength and shape to the aircraft wings. It is typically constructed from lightweight materials such as aluminum or composite materials, which contribute to the overall aerodynamic efficiency of the wing. The wing skin works in conjunction with internal components like spars and ribs to maintain the structural integrity of the wing under various loads during flight. It helps to distribute stresses evenly and prevents deformation that could negatively impact the aircraft's performance. By maintaining an appropriate aerodynamic shape, the wing skin also aids in generating lift, which is essential for flight. In contrast, winglets are the vertical extensions at the tips of the wings that help reduce drag and improve fuel efficiency but do not directly provide the structural strength and shape of the wings. Control surfaces such as ailerons and flaps are movable parts that influence the aircraft's maneuverability and stability but are not responsible for the overall wing structure. The fuselage, while integral to the aircraft's frame, serves a different purpose as it houses the passengers, cargo, and systems rather than influencing the structural characteristics of the wings specifically.

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://frontieraircraftfam.examzify.com>

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

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