

# Frontier Aircraft Familiarization (External/Internal) Practice Test (Sample)

## Study Guide



**Everything you need from our exam experts!**

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# Table of Contents

<b>Copyright</b> .....	<b>1</b>
<b>Table of Contents</b> .....	<b>2</b>
<b>Introduction</b> .....	<b>3</b>
<b>How to Use This Guide</b> .....	<b>4</b>
<b>Questions</b> .....	<b>5</b>
<b>Answers</b> .....	<b>8</b>
<b>Explanations</b> .....	<b>10</b>
<b>Next Steps</b> .....	<b>16</b>

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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. What is the role of spoilers on the wings?**
  - A. Increase lift and reduce drag**
  - B. Assist in air conditioning for the passenger cabin**
  - C. Help to reduce lift and increase drag**
  - D. Enhance the aesthetic design of the aircraft**
  
- 2. How does wing design impact aircraft performance?**
  - A. Affects camera positions on the aircraft**
  - B. Influences lift, drag, and fuel efficiency**
  - C. Determines cabin noise levels**
  - D. Impacts emergency landing procedures**
  
- 3. What is the primary function of the gust lock in an aircraft?**
  - A. It keeps the cabin door securely locked**
  - B. It keeps door open, released by pressing down on button**
  - C. It serves as a backup for hydraulic systems**
  - D. It activates emergency lighting systems**
  
- 4. Which aircraft type is most commonly associated with swivel seats?**
  - A. A320 Spaceflex**
  - B. A321 NEO**
  - C. A320**
  - D. A321**
  
- 5. Where can the shut off valve button be found in the lavatory?**
  - A. Above the toilet**
  - B. Under the sink**
  - C. Near the door**
  - D. On the wall**

- 6. Where is the Passenger Service Unit (PSU) typically located?**
- A. In the galley**
  - B. Above every section of seats**
  - C. Near the emergency exit**
  - D. In the cargo hold**
- 7. What does the FAP monitor in case of smoke detection?**
- A. Cabin temperature**
  - B. LAV location**
  - C. Oxygen levels**
  - D. Passenger announcements**
- 8. What are the responsibilities of the flight crew during boarding procedures?**
- A. Monitoring fuel levels and weather conditions**
  - B. Ensuring safety briefings and monitoring security compliance**
  - C. Calculating weight and balance of the aircraft**
  - D. Preparing meals and cabin clean-up**
- 9. Which statement correctly describes the function of the ACP?**
- A. It displays flight information to passengers**
  - B. It allows communication for service requests**
  - C. It manages cabin temperature**
  - D. It tracks passenger movements**
- 10. What is the primary function of oxygen systems in an aircraft?**
- A. To cool the cabin temperature**
  - B. To supply supplemental oxygen during cabin depressurization**
  - C. To inflate life vests**
  - D. To regulate cabin pressure**

## Answers

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

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## **Explanations**

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## 1. What is the role of spoilers on the wings?

- A. Increase lift and reduce drag
- B. Assist in air conditioning for the passenger cabin
- C. Help to reduce lift and increase drag**
- D. Enhance the aesthetic design of the aircraft

Spoilers on the wings play a critical role in controlling the aircraft's lift and drag during flight. When deployed, spoilers disrupt the airflow over the wing, which decreases the lift produced. This is particularly useful during descent or landing, as it helps to ensure that the aircraft can descend at a controlled rate without the risk of climbing unexpectedly. By reducing lift, spoilers also increase drag, which helps the aircraft slow down more effectively. This relationship between the deployment of spoilers, reduced lift, and increased drag is crucial for safe and efficient aircraft operation. Understanding this mechanism is important for pilots when managing the aircraft's approach for landing or during emergency maneuvers. Spoilers do not assist with cabin air conditioning or enhance aesthetic designs; their primary function relates to aerodynamic control during various phases of flight.

## 2. How does wing design impact aircraft performance?

- A. Affects camera positions on the aircraft
- B. Influences lift, drag, and fuel efficiency**
- C. Determines cabin noise levels
- D. Impacts emergency landing procedures

Wing design is a critical factor in determining an aircraft's performance, primarily because it directly influences the aerodynamic characteristics of the aircraft. The shape, size, and configuration of the wings play a significant role in generating lift, which is essential for takeoff, cruising, and landing. Lift is generated as air flows over and under the wings; optimal wing shape and angle of attack maximize this lift while minimizing drag, which is the resistance force that opposes the aircraft's motion through the air. A well-designed wing can enhance fuel efficiency by allowing the aircraft to travel longer distances with less power, ultimately saving on operational costs. Different wing designs also cater to various flight conditions and missions, which can be instrumental in enhancing maneuverability, stability, and overall aircraft performance. Thus, the influence of wing design on lift, drag, and fuel efficiency is paramount in aviation engineering and impacts the overall capabilities of the aircraft during operation.

**3. What is the primary function of the gust lock in an aircraft?**

- A. It keeps the cabin door securely locked**
- B. It keeps door open, released by pressing down on button**
- C. It serves as a backup for hydraulic systems**
- D. It activates emergency lighting systems**

The primary function of the gust lock in an aircraft is to prevent movement of the control surfaces when the aircraft is parked, particularly in windy conditions. This ensures that external forces from gusts of wind do not adversely affect the aircraft's control surfaces, which could potentially lead to damage or misalignment. When a gust lock is engaged, it physically immobilizes the control surfaces, thereby safeguarding the aircraft while it is not in use. The option that mentions keeping the door open and being released by pressing a button describes a mechanism that is typically associated with door operation rather than any aspect of managing the aircraft's aerodynamic components against wind forces. Understanding the specific role of the gust lock is crucial for maintaining the integrity of the aircraft on the ground and ensuring safety measures are effectively in place.

**4. Which aircraft type is most commonly associated with swivel seats?**

- A. A320 Spaceflex**
- B. A321 NEO**
- C. A320**
- D. A321**

The A320 model, specifically the original A320 configuration, is most commonly associated with swivel seats. These seats are designed for efficient space management and passenger comfort in narrow-body aircraft like the A320. Swivel seats allow for adaptability in seating arrangements, making it easier for crew members to assist passengers and for passengers to access overhead bins without obstruction. The other aircraft types mentioned, such as the A321 and its NEO variant, generally offer different seating configurations that may prioritize additional passenger capacity or comfort features rather than the swivel seat design. While all these aircraft types may share some design elements, the distinction of swivel seats is particularly tied to the A320 model due to its operational history and versatility in different airline configurations. Thus, the identification of the A320 as the aircraft most associated with swivel seats is grounded in its specific design choices and market usage.

**5. Where can the shut off valve button be found in the lavatory?**

- A. Above the toilet**
- B. Under the sink**
- C. Near the door**
- D. On the wall**

The shut-off valve button in the lavatory is typically located under the sink. This placement is strategic as it allows for easy access in case of a plumbing emergency or maintenance needs. By positioning the shut-off valve here, crew members can quickly secure water flow to the sink and toilet without having to search for it in a less accessible area. In contrast, while options like above the toilet or near the door might seem plausible, they do not provide the same level of practicality for immediate access to regulate water supply. Similarly, the choice of having it on the wall could lead to difficulties in operating it when quick action is necessary. This makes the under-sink location not only a logical choice but a standard practice in aircraft lavatory designs for efficiency and safety.

**6. Where is the Passenger Service Unit (PSU) typically located?**

- A. In the galley**
- B. Above every section of seats**
- C. Near the emergency exit**
- D. In the cargo hold**

The Passenger Service Unit (PSU) is typically located above every section of seats on an aircraft. This design ensures that each passenger has easy access to essential services provided in the PSU, which generally includes reading lights, air vents, and, in some aircraft, the passenger oxygen masks. By placing the PSU above the seating areas, it enhances passenger comfort and safety, allowing individuals to adjust their personal environment without needing to rely on cabin crew. The accessibility of these units plays a crucial role during flights, particularly in emergencies when the oxygen masks may need to be deployed quickly. The other locations mentioned, such as the galley, near emergency exits, or in the cargo hold, do not typically accommodate passenger service needs. The galley is primarily used for food and beverage preparation, emergency exits are crucial for safety but do not include passenger service functions, and the cargo hold is not accessible to passengers during flight. Thus, the overhead positioning of PSUs is vital for effective service delivery and passenger experience.

## 7. What does the FAP monitor in case of smoke detection?

- A. Cabin temperature
- B. LAV location**
- C. Oxygen levels
- D. Passenger announcements

The Flight Attendant Panel (FAP) is integral for monitoring critical aircraft conditions, especially in emergency scenarios such as smoke detection. In the case of smoke detection, the FAP specifically monitors the location of the lavatory (LAV). This is crucial because lavatories are potential sources of smoke due to the presence of electrical equipment, trash, and other materials that could produce smoke or fire. Being aware of the lavatory location allows the flight attendants to respond quickly and effectively, guiding their actions based on the conditions that may be deteriorating in that area. This monitoring function is vital for passenger safety and for initiating the appropriate emergency protocols if smoke is detected in the aircraft's lavatory. Although cabin temperature, oxygen levels, and passenger announcements are significant aspects of cabin safety and management, they are not the primary focus of the FAP concerning smoke detection. The emphasis on lavatory monitoring underlines the unique risks associated with these confined spaces within the aircraft.

## 8. What are the responsibilities of the flight crew during boarding procedures?

- A. Monitoring fuel levels and weather conditions
- B. Ensuring safety briefings and monitoring security compliance**
- C. Calculating weight and balance of the aircraft
- D. Preparing meals and cabin clean-up

The responsibilities of the flight crew during boarding procedures primarily include ensuring safety briefings and monitoring security compliance. This aspect is crucial because the flight crew must guarantee that all safety protocols are followed to protect passengers and crew members alike. They may provide essential safety briefings that educate passengers about emergency exits, the use of seatbelts, and other safety measures. Monitoring security compliance during boarding is also vital. The flight crew works alongside ground staff to ensure that all security protocols are adhered to, verifying that no prohibited items are brought on board and that passengers are screened correctly. While monitoring fuel levels and weather conditions, calculating weight and balance, and preparing meals might be other critical operational tasks within aviation, they are not specific to the responsibilities of the flight crew during the boarding process. These tasks usually fall under other departments or occur at different stages of the flight operation. Therefore, ensuring safety briefings and security compliance is the correct focus during boarding procedures.

**9. Which statement correctly describes the function of the ACP?**

- A. It displays flight information to passengers**
- B. It allows communication for service requests**
- C. It manages cabin temperature**
- D. It tracks passenger movements**

The function of the ACP, or Aft Cabin Panel, is accurately described by the statement that it allows communication for service requests. This panel is typically located in the cabin of the aircraft and is primarily used by crew members to facilitate communication between the cabin and flight deck, as well as to enable passengers to make requests for service or assistance. The ACP plays a critical role in enhancing the overall passenger experience by streamlining how services are provided, ensuring that crew members can respond promptly to the needs of the passengers. Other functions, such as displaying flight information, managing cabin temperature, or tracking passenger movements, are conducted through separate systems and panels dedicated specifically to those tasks, highlighting the unique purpose of the ACP in communication.

**10. What is the primary function of oxygen systems in an aircraft?**

- A. To cool the cabin temperature**
- B. To supply supplemental oxygen during cabin depressurization**
- C. To inflate life vests**
- D. To regulate cabin pressure**

The primary function of oxygen systems in an aircraft is to supply supplemental oxygen during cabin depressurization. In the event of a sudden loss of pressure in the cabin, the oxygen system is designed to provide passengers and crew with the necessary oxygen to breathe comfortably until the aircraft can descend to a lower altitude where the atmospheric pressure is sufficient for normal breathing. This is particularly crucial because, at high altitudes, the lower air pressure can lead to hypoxia, a condition where the body does not receive enough oxygen. The oxygen system is typically equipped with masks that automatically deploy in a depressurization event, ensuring that individuals can quickly access supplemental oxygen. Understanding this function is vital for the safety and well-being of everyone on board, as it directly addresses the physiological needs during a critical situation.

## 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](mailto: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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