ICAO Airport Radar 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. Don't worry about getting everything right, 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, and take breaks to retain information better.

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.

7. Use Other Tools

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. Which VORTAC has the ICAO code EIC?

A. Belcher, VORTAC

B. Bigbee VORTAC, MS

C. Bowling Green

D. Barksdale AFB, LA

2. What is the VORTAC code for Gard City?

A. GCK

B. KGGG

C. LBY

D. GHM

3. What is the ICAO code for Denver?

A. KDEN

B. KDOVE

C. KDENR

D. KDN

4. Which ICAO code corresponds to Marvelle VOR/DME?

A. UJM

B. KLFK

C. KSDF

D. KLAX

5. Ranger VORTAC is known by which ICAO code?

A. FUZ

B. SWB

C. KWRB

D. KCOF

6. San Antonio Airport corresponds with which ICAO code?

A. KSAT

B. KPNS

C. KDCA

D. FUZ

7. Which city corresponds to the ICAO code KBHM?

A. Birmingham

B. Bowling Green

C. Belcher

D. Paducah

8. Which identifier corresponds to the city of Shreveport?

A. SHV

B. SZW

C. KDTN

D. KSHV

9. Which airport corresponds to the ICAO code KOKC?

A. Will Rogers Airport, OKC

B. Oklahoma City International Airport

C. Will Rogers Memorial Airport

D. Will Rogers Air Force Base

10. Ranger VORTAC is represented by which code?

A. FUZ

B. SWB

C. KPHX

D. KWRB

Answers

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

Explanations

1. Which VORTAC has the ICAO code EIC?

A. Belcher, VORTAC

B. Bigbee VORTAC, MS

C. Bowling Green

D. Barksdale AFB, LA

The VORTAC designated with the ICAO code EIC is indeed the Bigbee VORTAC located in Mississippi. Each VORTAC facility is assigned a unique ICAO code that helps in identification and navigation purposes within the airspace system. The code “EIC” specifically corresponds to Bigbee, which is confirmed through standard aviation charts and navigation databases. Understanding the role of VORTACs is crucial; they provide both VOR (VHF Omnidirectional Range) and TACAN (Tactical Air Navigation) services, facilitating navigation for both civil and military aircraft. Identifying the correct ICAO code reinforces the pilot's navigation skills, allowing for safer and more efficient flight operations. The other VORTACs listed do not share the ICAO code EIC, which is why they represent incorrect answers in this context. Each facility has its own specific code, and familiarity with these codes is part of proper navigation training.

2. What is the VORTAC code for Gard City?

A. GCK

B. KGGG

C. LBY

D. GHM

The VORTAC code for Garden City is GCK. VORTAC is a navigation aid that combines the functions of a VOR (VHF Omnidirectional Range) and a TACAN (Tactical Air Navigation) system, and each VORTAC station is assigned a unique three-letter identifier. GCK corresponds specifically to Garden City, which is located in Kansas, USA. This code is utilized by pilots and air traffic controllers for navigation and communication purposes. The other options represent different codes for various airports and navigation aids. For instance, KGGG refers to an airport in Texas, LBY does not correspond to Garden City, and GHM likely represents a different navigation facility. Therefore, GCK is the correct designation for the VORTAC associated with Garden City.

3. What is the ICAO code for Denver?

A. KDEN

B. KDOVE

C. KDENR

D. KDN

The ICAO code for Denver is KDEN. This code follows the International Civil Aviation Organization's coding system, which assigns unique four-letter alphanumeric designators to each airport. In the case of KDEN, the letter "K" indicates that the airport is located in the United States, and the "DEN" signifies Denver specifically. The additional choices deviate from the official ICAO format: "KDOVE" and "KDENR" do not correspond to any recognized airport codes, and "KDN" lacks the necessary fourth letter that is essential for ICAO codes. Thus, KDEN stands out as the only valid and officially recognized ICAO code for Denver.

4. Which ICAO code corresponds to Marvelle VOR/DME?

A. UJM

B. KLFK

C. KSDF

D. KLAX

The ICAO code that corresponds to Marvelle VOR/DME is indeed UJM. This VOR/DME is part of the navigation aid system used in aviation to provide directional guidance and distance information to aircraft. ICAO codes are internationally recognized four-letter designators used to identify airports, navigation aids, and other significant places in aviation. In the case of Marvelle VOR/DME, the UJM code fits the standardized structure, where the first letter typically indicates the region of the world or the country. This helps pilots, air traffic controllers, and flight planning systems to easily identify and reference the VOR's location in a consistent manner across different regions worldwide. The other options do not correspond to Marvelle VOR/DME. KLFK and KSDF are actually ICAO codes for airports in the United States, specifically in Texas and Kentucky, respectively. KLAX is the ICAO code for Los Angeles International Airport, which is also not relevant to the Marvelle VOR/DME. Thus, UJM stands out as the correct identification for Marvelle VOR/DME, providing consistency and recognition in navigation across the aviation community.

5. Ranger VORTAC is known by which ICAO code?

A. FUZ

B. SWB

C. KWRB

D. KCOF

The ICAO code for Ranger VORTAC is FUZ. VORTAC is a combined navigation aid that provides both VOR (VHF Omni-Directional Range) and TACAN (Tactical Air Navigation) services, and each VORTAC is assigned a unique identification code. In this case, FUZ is the designated code, adhering to the conventions for naming these navigational aids within the ICAO framework. These identifiers are important for pilots and air traffic controllers as they facilitate clear communication and accurate navigation. Other options, while they may represent airports or different navigational aids, do not correlate with the specific Ranger VORTAC code.

6. San Antonio Airport corresponds with which ICAO code?

A. KSAT

B. KPNS

C. KDCA

D. FUZ

San Antonio Airport is identified by the ICAO code KSAT, which reflects the standard coding convention for airports in the United States. The structure of ICAO codes begins with a letter representing the geographical area, in this case, 'K' for the United States, followed by three additional letters that provide a unique identifier for the airport. KSAT is specifically assigned to San Antonio International Airport in Texas, representing its location. Understanding ICAO codes is essential for navigational purposes in aviation, as they are used globally to avoid confusion between airports that may have similar or identical IATA codes. The other options do not correspond to San Antonio Airport. KPNS refers to Pensacola International Airport in Florida, KDCA is the code for Ronald Reagan Washington National Airport in Washington, D.C., and FUZ does not apply to a known airport in the context of U.S. aviation codes. Therefore, KSAT is the correct ICAO code for San Antonio Airport, highlighting its unique identification among other airports.

7. Which city corresponds to the ICAO code KBHM?

A. Birmingham

B. Bowling Green

C. Belcher

D. Paducah

The ICAO code KBHM corresponds to Birmingham, which is a major city in Alabama, USA. The letters in the ICAO code provide hints about the location, where the 'K' indicates it is located in the United States, and 'BHM' specifically identifies Birmingham as the city served by the airport with that code. ICAO codes are structured so that they often include letters from the city or region they represent, making it easier for pilots and air traffic controllers to understand and communicate information regarding specific areas. The name Birmingham matches the ending 'BHM' in the code, solidifying the connection to this city. Other locations listed, such as Bowling Green, Belcher, and Paducah, do not have ICAO codes that include these specific letter combinations, making them incorrect choices for this question.

8. Which identifier corresponds to the city of Shreveport?

A. SHV

B. SZW

C. KDTN

D. KSHV

The identifier that corresponds to the city of Shreveport is SHV. This code is part of a system used for identifying airports and navigational aids in aviation. Specifically, SHV is the three-letter IATA code for Shreveport Regional Airport, making it easily recognizable among pilots, air traffic controllers, and others in the aviation industry. Knowing the IATA codes for cities and airports is essential for flight planning, navigation, and communication, as these codes provide an efficient way to refer to locations without ambiguity. In this case, Shreveport is directly linked with the SHV code, representing the airport associated with that city. Other identifiers listed do not pertain to Shreveport itself. For instance, KDTN is associated with a different airport, while KSHV, although seemingly related, is not the standard IATA code; instead, it falls under the ICAO code system, which uses a different format. SZW is also unrelated to Shreveport and refers to another location entirely. Thus, SHV is the most accurate identifier for Shreveport.

9. Which airport corresponds to the ICAO code KOKC?

A. Will Rogers Airport, OKC

B. Oklahoma City International Airport

C. Will Rogers Memorial Airport

D. Will Rogers Air Force Base

The airport corresponding to the ICAO code KOKC is indeed Will Rogers Airport, also recognized as Will Rogers World Airport. ICAO codes are unique four-letter alphanumeric designators assigned to each airport and follow a specific structure, where the first letter often indicates the geographical area. In this case, the "K" at the beginning of the code signifies that the airport is located in the United States, while the subsequent letters "OKC" specifically designate the airport's location within Oklahoma City. Will Rogers Airport serves as the primary public airport for Oklahoma City and is well-known by that name. While other options like Oklahoma City International Airport may appear valid, they are commonly referred to by different names or ICAO codes. Therefore, understanding ICAO codes and their relationship to airport names is crucial in identifying the correct corresponding airport.

10. Ranger VORTAC is represented by which code?

A. FUZ

B. SWB

C. KPHX

D. KWRB

The correct code for Ranger VORTAC is FUZ. VORTAC is a type of navigation aid that combines the functions of a VOR (VHF Omnidirectional Range) and a TACAN (Tactical Air Navigation) system, which helps pilots with directional guidance and position information. Each VORTAC station is assigned a unique identifier, typically a three-letter code that is used by pilots and air traffic control. In this question, FUZ is the specific identifier associated with the Ranger VORTAC, making it critical for navigation in the region it serves. Knowing the correct code is essential, as it ensures effective communication and navigation during flight operations. The other codes provided (SWB, KPHX, KWRB) do not correspond to Ranger VORTAC; they represent different navigational points or airfields, which may lead to confusion if mistaken for the Ranger VORTAC identifier.

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://icaoairportradar.examzify.com

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