

Enroute Map Practice Test (Sample)

Study Guide



Everything you need from our exam experts!

Copyright © 2026 by Examzify - A Kaluba Technologies Inc. product.

ALL RIGHTS RESERVED.

No part of this book may be reproduced or transferred in any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, web distribution, taping, or by any information storage retrieval system, without the written permission of the author.

Notice: Examzify makes every reasonable effort to obtain accurate, complete, and timely information about this product from reliable sources.

SAMPLE

Table of Contents

Copyright	1
Table of Contents	2
Introduction	3
How to Use This Guide	4
Questions	5
Answers	8
Explanations	10
Next Steps	15

SAMPLE

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

SAMPLE

- 1. Which VORTAC is associated with the diamond mileage V245 w JAN APCH?**
 - A. SQS VORTAC**
 - B. MHZ VORTAC**
 - C. PHX VORTAC**
 - D. LAX VORTAC**

- 2. What city is associated with the code POE?**
 - A. Pope**
 - B. Monroe**
 - C. Magnolia**
 - D. Natchez**

- 3. The UHF frequency for Sector 67 equals which value?**
 - A. 324.0**
 - B. 328.0**
 - C. 330.0**
 - D. 326.0**

- 4. Which sector is MCB in?**
 - A. POE LO (Polk Lo)**
 - B. PCU LO (Picayune Lo)**
 - C. SUD LO**
 - D. DES LO**

- 5. Which diamond mileage is 16 miles SE MHZ VORTAC?**
 - A. V18 w/ Sector 65**
 - B. V9 w/ PCU LO**
 - C. V11 w/ Sector 65**
 - D. V74 w/ JAN APCH**

- 6. Which of the following is an intersection in Sector 66?**
 - A. RICKS**
 - B. SQS**
 - C. BLE**
 - D. YAZOO**

7. What city is associated with the code HEZ?

- A. Monroe**
- B. Natchez**
- C. Greenville**
- D. Picayune**

8. Which code pairs with Meridian?

- A. SQS**
- B. MEI**
- C. IGB**
- D. Meridian**

9. The MIA from V18 to the south equals which value?

- A. 2600**
- B. 2700**
- C. 2800**
- D. 2900**

10. Which code corresponds to Holly Springs?

- A. KTVR**
- B. HLI**
- C. KVKS**
- D. UJM**

Answers

SAMPLE

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

SAMPLE

Explanations

SAMPLE

1. Which VORTAC is associated with the diamond mileage V245 w JAN APCH?

- A. SQS VORTAC
- B. MHZ VORTAC**
- C. PHX VORTAC
- D. LAX VORTAC

Diamond mileage along a VOR airway is defined by DME from a specific VORTAC, creating distance-based fixes on that route. For the V245 segment associated with the JAN approach, the VORTAC that provides the reference distance is the MHZ VORTAC, because it lies on that airway segment and supplies the DME readout used to define the mileage point. The other VORTACs listed do not sit on that particular V245 segment in the JAN area, so they don't supply the diamond mileage reference for this approach.

2. What city is associated with the code POE?

- A. Pope**
- B. Monroe
- C. Magnolia
- D. Natchez

In air navigation, three-letter codes are used to identify airports and airfields, and these codes are usually tied to the facility's name. POE is the identifier for Pope Field (Pope Army Airfield). Since the code comes from the name Pope, the city associated with POE is Pope. The other city names listed don't have a facility that uses the POE code, so they aren't linked to this identifier.

3. The UHF frequency for Sector 67 equals which value?

- A. 324.0
- B. 328.0
- C. 330.0
- D. 326.0**

UHF frequencies for enroute sectors are fixed values published in the sector frequency list, and pilots use the frequency assigned to the current sector to reach ATC. For Sector 67, the official assignment is 326.0 MHz. This specific value is chosen to prevent interference with neighboring sectors and to provide a consistent channel within that region. The other options—324.0, 328.0, and 330.0—are not the assigned frequency for this sector; they correspond to other sectors or are simply not the frequency designated for Sector 67. When you're in Sector 67, tune to 326.0 MHz to contact the Sector Controller.

4. Which sector is MCB in?

- A. POE LO (Polk Lo)
- B. PCU LO (Picayune Lo)**
- C. SUD LO
- D. DES LO

Low-altitude enroute sectors are geographic blocks labeled with a name plus LO or HI to show the altitude range they cover. To find which sector a fix belongs to, you locate the fix on the enroute chart and identify the sector boundary that surrounds it. MCB sits inside the boundary labeled Picayune Low, abbreviated PCU LO. That means MCB is in the Picayune Low sector. The other sector options correspond to different geographic areas and do not contain MCB, so they aren't the correct choice.

5. Which diamond mileage is 16 miles SE MHZ VORTAC?

- A. V18 w/ Sector 65
- B. V9 w/ PCU LO
- C. V11 w/ Sector 65**
- D. V74 w/ JAN APCH

On IFR enroute charts, the distance markers along V airways—often shown as mileages with small diamond symbols—tell you how far along the airway you are from a navaid or between fixes. The direction (like SE) tells you which quadrant of the navaid the segment lies in. So finding a diamond mileage of 16 miles SE of MHZ VORTAC means you're looking for the airway segment that sits in the southeast quadrant of MHZ and has a 16-mile distance marker along that route. The only option that places an airway segment 16 miles SE of MHZ in the SE quadrant and associates with the given V airway is V11 with Sector 65. That matches both the direction from MHZ and the sector designation used on the chart for that portion of the airway. So the correct match is the V11 airway in Sector 65.

6. Which of the following is an intersection in Sector 66?

- A. RICKS**
- B. SQS
- C. BLE
- D. YAZOO

Intersections are defined fixes on IFR enroute charts where two or more airways cross, giving pilots precise routing points. They're typically shown as five-letter names and are used to define where routes meet or split. In Sector 66, the fix named RICKS is a crossing point of two airways, so it functions as an intersection you can navigate to or from. The other names aren't defined as crosspoints within this sector, either because they aren't formed by the intersection of airways in Sector 66 or they represent different types of fixes or waypoints on the chart.

7. What city is associated with the code HEZ?

- A. Monroe
- B. Natchez**
- C. Greenville
- D. Picayune

HEZ is an airport code, a three-letter identifier used in aviation to pinpoint a specific airport and the city it serves. HEZ designates Natchez Adams County Airport, which serves Natchez, Mississippi. On enroute charts and when planning flights, this code points you to Natchez, making it the correct association among the given options. The other cities don't use HEZ for their primary airport code.

8. Which code pairs with Meridian?

- A. SQS
- B. MEI**
- C. IGB
- D. Meridian

Meridian is a named location on enroute charts, and pilots use a three-letter location identifier to reference it quickly. The code that pairs with Meridian is MEI, which is the IATA airport code for Meridian's Key Field in Mississippi. This three-letter code is what you'd use in flight plans and on charts when referring to Meridian. The other codes point to different airports or fixes and aren't associated with Meridian; simply using the name itself isn't the charted identifier.

9. The MIA from V18 to the south equals which value?

- A. 2600
- B. 2700**
- C. 2800
- D. 2900

Minimum IFR Altitude (MIA) is the lowest altitude on an enroute segment that guarantees obstacle clearance and, for navigation purposes, reliable signal reception along that airway. For the V18 southbound segment, the published MIA is 2700 feet, which accounts for terrain and the need to maintain navigation signal along that stretch. A value like 2600 would not provide enough clearance over higher terrain in that direction, while 2800 or 2900 would be higher than necessary for this segment. So the correct altitude to use when flying south on V18 is 2700 feet.

10. Which code corresponds to Holly Springs?

A. KTVR

B. HLI

C. KVKS

D. UJM

On enroute charts, towns with airports are identified by a unique three-letter code that serves as the airport's identifier for navigation and flight planning. For Holly Springs, that official code is HLI, so you'll see HLI listed next to the town on the map and in the airport directory. The other codes point to different airports in other locations, so they wouldn't match Holly Springs. Knowing this three-letter identifier helps you quickly locate the correct airfield on the chart and in navigation databases.

SAMPLE

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://enroutemap.examzify.com>

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

SAMPLE