

NTC Restricted Radiotelephone Operator's Certificate (RROC) - Aircraft 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. To communicate to an airport without tower control, you should do what?**
 - A. Communicate/Switch to common communication frequency**
 - B. Transmit on your assigned frequency**
 - C. Call the tower on emergency frequency**
 - D. Contact the weather briefing line**

- 2. What is the international distress call again?**
 - A. Mayday**
 - B. Pan-Pan**
 - C. SOS**
 - D. Help**

- 3. Extremely High Frequency (EHF) corresponds to which frequency range?**
 - A. 3-30 GHz**
 - B. 30-300 GHz**
 - C. 300 GHz-3 THz**
 - D. 300 Hz-3 kHz**

- 4. ICAO Secretary General serves for how many years per term?**
 - A. 1 year**
 - B. 3 years**
 - C. 5 years**
 - D. 7 years**

- 5. What is the distress call word?**
 - A. Mayday**
 - B. Pan-Pan**
 - C. SOS**
 - D. Help**

- 6. Which agency should be notified to obtain a duplicate license when lost?**
- A. NTC**
 - B. FAA**
 - C. ICAO**
 - D. IATA**
- 7. Which organization regulates all radio and radio operators?**
- A. National Telecommunication Commission**
 - B. International Telecommunication Union**
 - C. Civil Aviation Authority**
 - D. Department of Transportation**
- 8. Head of the NTC Commission is titled which of the following?**
- A. Commissioner**
 - B. Director**
 - C. Chairman**
 - D. Secretary**
- 9. After passing the exam, within what period must you file the application for the operator's certificate or permit?**
- A. 6 months**
 - B. 1 year**
 - C. 2 years**
 - D. 3 years**
- 10. Which phrase means 'I have received all of your last transmission'?**
- A. Roger**
 - B. Roger Number**
 - C. Wilco**
 - D. Mayday**

Answers

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

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Explanations

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1. To communicate to an airport without tower control, you should do what?

- A. Communicate/Switch to common communication frequency**
- B. Transmit on your assigned frequency**
- C. Call the tower on emergency frequency**
- D. Contact the weather briefing line**

When there's no active tower, there's no one to actively sequence traffic or give you clearance. Pilots use the published common advisory frequency (CTAF/UNICOM) for that field so everyone can hear each other and coordinate entry, approaches, takeoffs, and pattern work. Switching to that common frequency and announcing your position and intentions creates a shared picture of traffic and prevents conflicts. Using your assigned frequency wouldn't ensure coordination with other pilots at that uncontrolled airport, the emergency frequency is for distress calls only, and the weather briefing line is for preflight weather information, not ongoing air-to-air communication.

2. What is the international distress call again?

- A. Mayday**
- B. Pan-Pan**
- C. SOS**
- D. Help**

The international distress call used to signal grave and imminent danger requiring immediate assistance is Mayday. It's spoken three times at the start—Mayday, Mayday, Mayday—to grab every station's attention and indicate a true emergency. After that, the caller identifies the vessel or aircraft, gives position, nature of the distress, and what help is needed, so rescue can be prioritized without delay. Pan-Pan is for urgent situations that aren't immediately dangerous, so it doesn't convey the same level of urgency. SOS is a Morse code distress signal from older radio practice and isn't used as a spoken voice call on modern channels. "Help" isn't a standardized emergency call and wouldn't automatically flag a serious emergency to responders.

3. Extremely High Frequency (EHF) corresponds to which frequency range?

- A. 3-30 GHz**
- B. 30-300 GHz**
- C. 300 GHz-3 THz**
- D. 300 Hz-3 kHz**

Extremely High Frequency defines the high end of the radio spectrum, typically 30 to 300 gigahertz. At these frequencies, wavelengths are about 1 cm down to 1 mm, so signals are mostly line-of-sight and experience greater atmospheric absorption and path loss. This band is used for specialized applications like certain satellite links and high-bandwidth radar. The range that fits this definition is 30-300 GHz. The other ranges correspond to different bands: 3-30 GHz is the SHF band, 300 GHz-3 THz sits above EHF in the THz region, and 300 Hz-3 kHz is far below RF.

4. ICAO Secretary General serves for how many years per term?

- A. 1 year
- B. 3 years**
- C. 5 years
- D. 7 years

The main idea here is how long the Secretary-General serves per term. In ICAO, the Secretary-General is elected for a three-year term, and that term can be renewed. Why three years works well: it gives enough time to implement programs and provide stable leadership, while still allowing member states to review performance and make changes through the next appointment. This duration also aligns with ICAO's governance cycle, supporting coherent planning, budgeting, and policy development with regular oversight. Shorter terms, like one year, would make it hard to achieve real progress, while longer terms (five or seven years) could reduce accountability and slow necessary leadership updates.

5. What is the distress call word?

- A. Mayday**
- B. Pan-Pan
- C. SOS
- D. Help

The main idea here is understanding the formal distress language used in radiotelephone communications. The word spoken to indicate an immediate emergency is Mayday. It's used internationally to tell others that there is imminent danger to life or the aircraft or its occupants and that the situation requires immediate assistance. In practice, a Mayday call is spoken three times and is followed by key information such as the aircraft's identification, current position or last known position, altitude, nature of the emergency, and intended actions. Pan-Pan is used for urgent situations that could escalate into distress but aren't currently life-threatening, so it doesn't indicate the same level of danger. SOS is a historical Morse code distress signal and—not typically used as a voice distress call in modern aviation. "Help" isn't a recognized formal distress signal and wouldn't convey the same priority or be universally understood in an emergency. So, the distress call word is Mayday because it's the standardized voice alert for imminent danger requiring immediate action and priority.

6. Which agency should be notified to obtain a duplicate license when lost?

- A. NTC**
- B. FAA**
- C. ICAO**
- D. IATA**

When a radiotelephone operator's certificate is lost, you need to go to the licensing authority that issued and keeps records for that certificate to obtain a replacement. That authority handles duplicate license requests after you verify your identity and license details. In this context, the responsible agency is the NTC, the national telecommunication licensing body. The FAA would only issue duplicates for licenses issued by the U.S. regulator, ICAO sets international standards but doesn't issue national licenses, and IATA is a trade group, not a licensing authority. So contacting the NTC is the correct route to get a duplicate license.

7. Which organization regulates all radio and radio operators?

- A. National Telecommunication Commission**
- B. International Telecommunication Union**
- C. Civil Aviation Authority**
- D. Department of Transportation**

The main idea is that regulating all radio communications and operators within a country is the job of the national telecommunications regulator. The National Telecommunication Commission handles licensing, spectrum allocation, and enforcement of rules for all radio users and services domestically. The International Telecommunication Union operates at an international level, coordinating standards and global spectrum use, but it does not issue licenses or regulate individual operators within a country. The Civil Aviation Authority focuses on aviation-specific matters, including air communications and safety, while the Department of Transportation covers broader transportation policy. So, the national regulator is the body that directly regulates all radio and radio operators.

8. Head of the NTC Commission is titled which of the following?

- A. Commissioner**
- B. Director**
- C. Chairman**
- D. Secretary**

In a regulatory body, the group that governs is called a Commission, made up of members known as Commissioners. The person who leads that body is identified by the same title, since they are part of the Commission itself. So for the NTC, the head of the Commission is referred to as a Commissioner. This distinguishes the role from other positions like Director or Secretary, and aligns with the way the NTC's leadership is named in its official structure. While some organizations use Chairman for the top post, in this context the title used for the head is Commissioner.

9. After passing the exam, within what period must you file the application for the operator's certificate or permit?

- A. 6 months**
- B. 1 year**
- C. 2 years**
- D. 3 years**

After you pass the exam, you have one year to file the application for the operator's certificate or permit. This fixed window keeps the process moving and ensures the regulator's records reflect a current, active step toward issuance. If you delay beyond that year, you'd typically have to start over in some way—reapplying and possibly retaking parts of the process or submitting updated documentation—depending on the specific rules of the governing authority. In practice, you'd prepare the application, provide proof of exam passage, verify your identity, and pay any required fees within that one-year period.

10. Which phrase means 'I have received all of your last transmission'?

- A. Roger**
- B. Roger Number**
- C. Wilco**
- D. Mayday**

In radiotelephony, you acknowledge that you heard and understood a message with a concise, neutral reply. The phrase that means you have received all of the last transmission is the one used to confirm receipt and understanding. It doesn't promise to take action; it simply says you heard everything. That's different from saying you will do something, which would be a "will comply" response, or from a distress call. A common nonstandard variant that isn't used to indicate receipt of the last message isn't appropriate here. So the phrase that fits the meaning of "I have received all of your last transmission" is the one that confirms receipt and understanding only.

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://ntcrocaircraft.examzify.com>

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

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