

Flight Radio Telephone Operator

Microlight Rating Certificate Examination

Sport
Aviation
Corp Ltd

Question Booklet

Sample Examination

Sport Aviation Corp Ltd

A CAA Certified Part 149 Organisation

www.sportflying.co.nz

Introduction

- Suggested Time:** Forty Minutes
- Questions:** 15 multiple choice
- Pass Standard:** 70% (11 correct answers)
- Special Instructions:** Please do not mark this examination question booklet
Questions contained in this examination do not require you to read 'special messages' identified on the Visual Navigation Chart.

This exam contains 15 questions and has a recommended sitting time of 40 minutes. The actual qualifying exam has 25 multiple choice questions and a maximum sitting time of 1 hour

Required Resources:

An AIP New Zealand Volume IV may be referred to at any time during this exam.

Appendices:

The following appendices are included at the rear of the Answer Booklet and should be used to assist answering questions in this examination. You may write on the Appendices, but must return them with the Examination and Answer Booklets at the end of the examination.

Appendix A: Matamata Aerodrome Page [Extract from AIP New Zealand Volume IV]

Appendix B: Visual Navigation Chart C3 Auckland [Extract]

Today's Flight:

- ✓ For today's exam you will be flying from Te Kowhai, an unattended airfield
- ✓ Then to Hamilton International Airport which is located in a Control Zone (CTR/D).
- ✓ After picking up your friend from Hamilton, you will fly on to Matamata. Matamata is located in a Mandatory Broadcast Zone.
- ✓ You are flying a microlight equipped with a radio and a transponder. It's registration is ZK-SBR.

Examination Questions

1. You start up at Te Kowhai and are ready to broadcast your taxi intentions. There is another aircraft broadcasting a call at a nearby airfield. What should you do?

- A) Wait for the other aircraft to complete its radio call before broadcasting your own
- B) Adjust the squelch until you cannot hear the other radio call, then broadcast your own
- C) Broadcast your radio call, local traffic will hear your call as it is the closest
- D) Taxi without broadcasting a call, but be sure to broadcast a call before taking off

2. Which of the following calls should you make to announce your taxi intentions?

- A) Te Kowhai Traffic, Sierra Bravo Romeo is taxiing runway five
- B) Te Kowhai Traffic, Sierra Bravo Romeo is taxiing runway zero-five
- C) Sierra Bravo Romeo is taxiing to runway zero-five at Te Kowhai
- D) Sierra Bravo Romeo is taxiing runway zero-five

3. You get airborne from Te Kowhai and near the edge of the Hamilton Control Zone. Before contacting Hamilton Tower for clearance, what should you do first?

- A) Contact the Hamilton ATIS Controller and ask for weather and a radio check
- B) Contact Christchurch FISCO and ask for weather and local conditions
- C) Tune to the Hamilton ATIS and listen for weather and local conditions
- D) Tune to the Hamilton ATIS and click your transmitter four times to activate the automated broadcast

4. After obtaining the local conditions and QNH, you need to tune your radio to the appropriate frequency to request a clearance. Which frequency should you use to contact Hamilton Tower?

- A) 114.00
- B) 122.90
- C) 125.90
- D) 128.60

5. After tuning your radio to the correct frequency, you are ready to make contact with Hamilton Tower. How should you do this?

- A) Hamilton Tower, how do you read Sierra Bravo Romeo
- B) Hamilton Tower, Sierra Bravo Romeo
- C) Sierra Bravo Romeo to Hamilton Tower
- D) Hamilton Tower, Sierra Bravo Romeo is 3nm north-west of Temple View at 1,500 feet request entry clearance, 2 POB, in receipt of India 1022

6. The Tower replies *Sierra Bravo Romeo, Standby*. What action should you take in response to this instruction?

- A) Read back the instruction, "Hamilton Tower, Sierra Bravo Romeo is Standing by"
- B) Turn your transponder on to Standby and push the IDENT button
- C) Turn your transponder on to Standby and wait for the controller to respond
- D) Say nothing, remain clear of controlled airspace, and wait for the controller to contact you back

7. A few moments later you get cleared to enter the zone at Temple View. Temple View is marked on the map by a blue line and diamond symbol. What does this symbol indicate?

- A) A mast or tall building which poses a hazard to air navigation
- B) An area where kites and model aircraft are flown
- C) A visual reporting point, identified from the air by a large, prominent building located to the south-east of a township. It is used to aid navigation and position reporting
- D) A navigation beacon used by IFR aircraft

8. Also in the Control Zone is a vintage biplane. It doesn't have a radio, so the Tower uses light signals to communicate with it. The tower displays a series of green flashing lights. What does this instruct the vintage biplane to do?

- A) Return to the aerodrome for landing, follow the active circuit and land
- B) Return to the aerodrome for landing, clearance to land will be given later
- C) Cleared to land
- D) Danger, be on the alert

9. After stopping at Hamilton, you are ready to leave for Matamata. After starting up and using the ATIS facility, you contact the tower. The tower replies “Sierra Bravo Romeo, Hamilton Tower.” How would you request a taxi clearance now?

- A) Hamilton Tower, Sierra Bravo Romeo requests taxi clearance, vacating east, 2 POB, in receipt of Juliet 1022.
- B) Sierra Bravo Romeo requests taxi clearance, vacating east, 2 POB, in receipt of Juliet 1022.
- C) Sierra Bravo Romeo requests taxi clearance
- D) Sierra Bravo Romeo is taxiing Runway 18

10. After completing take off checks and reporting ready, the Tower issues the following clearance: “Sierra Bravo Romeo, line up Runway 18, after take-off, leave the zone to the East 1,500 feet or below”. After correctly reading this clearance back, what should you do?

- A) Line up on runway 18 and take off, vacate the zone at 1,500 feet or below
- B) Line up on runway 18 and wait for a take off clearance
- C) Ask for take off clearance, as the controller seems to have forgotten to issue you one
- D) Taxi to the edge of the runway and be ready to take off, only enter the runway once you have a take off clearance

11. Immediately before you take off, you should squawk the appropriate transponder code, and turn it on to Mode C/Alt. What code should a private, fixed wing aeroplane normally use?

- A) 1200
- B) 1400
- C) 2000
- D) 7700

12. You get clear of the zone, and are now ready to broadcast calls to join the circuit at Matamata. On which frequency should you broadcast these calls?

- A) 118.80
- B) 119.10
- C) 120.00
- D) 125.30

13. Radio procedure can vary depending on the type of airspace you are operating in. Matamata Airfield is located inside what sort of airspace?

- A) Mandatory Broadcast Zone
- B) Common Frequency Zone
- C) General Aviation Area
- D) Danger Zone

14. Which of the following calls should you broadcast to announce your intentions to join at Matamata Airfield?

- A) Sierra Bravo Romeo is joining overhead, presently 5 miles west at 2,000 feet
- B) Sierra Bravo Romeo is 5 miles west at 2,000 feet, making a standard overhead rejoin
- C) Matamata Traffic, Sierra Bravo Romeo is 5 miles west at 2,000 feet, joining overhead
- D) Matamata Traffic, Sierra Bravo Romeo is 5 miles west, joining overhead shortly. Is there any other traffic?

15. You are now overhead Matamata Airfield for a standard overhead rejoin, other aircraft are using Runway 28. What radio call should you broadcast to join the circuit?

- A) Matamata Traffic, Sierra Bravo Romeo is joining overhead
- B) Matamata Traffic, Sierra Bravo Romeo is overhead, descending non traffic side to join downwind Runway 28
- C) Matamata Traffic, Sierra Bravo Romeo, overhead, joining Runway 28
- D) Sierra Bravo Romeo is overhead, joining

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Instructions

Please read the following instructions and sign below before commencing the examination. Time taken completing this page is not included in the allocated time for the examination.

This exam contains 15 questions and has a recommended sitting time of 40 minutes. The actual qualifying exam has 25 multiple choice questions and a maximum sitting time of 1 hour

The maximum recommended time is forty minutes. There is no additional reading time allocated at the start of the examination.

Applicants should answer all fifteen questions. All questions are 'multiple choice'. Read the question and select the correct answer. Indicate your choice of answer by placing a ✕ in the appropriate box on the next page of this Answer Booklet.

Please use a blue or black ink pen. The required pass standard is 70% which requires you to correctly answer at least 11 questions. Applicants will be notified of their result in writing.

At the end of this examination, please hand this completed Answer Booklet, including all appendices with your Examination Question Booklet to the supervisor. Please do not mark or write on the Examination Question Booklet. Failure to return all these documents will result in your examination grade being withheld. The Examination Question Booklet and Answer Booklet are the property of Sport Aviation Corp Limited, and are protected by copyright.

During this examination, you may not communicate with any other persons except the examination supervisor, copy from another applicant, refer to unauthorised material, or remove any examination material from this room. You may refer to an AIP NZ Volume IV at any time during this examination.

By signing below, you agree to abide by the examination instructions detailed above. It is an offence to breach these instructions under CAR Part 61.19 and sanctions are enforceable for such breaches.

Signature: _____

Date: _____

Answer Sheet

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
Question One	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Two	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Three	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Four	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Five	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Six	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Seven	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Eight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Nine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Ten	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Eleven	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Twelve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Thirteen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Fourteen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Fifteen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Sixteen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Seventeen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Eighteen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Nineteen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Twenty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Twenty-One	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Twenty-Two	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Twenty-Three	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Twenty-Four	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question Twenty-Five	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Administration Use

Name: _____

SAC Client ID: _____

Examination Subject:
 Flight Radio

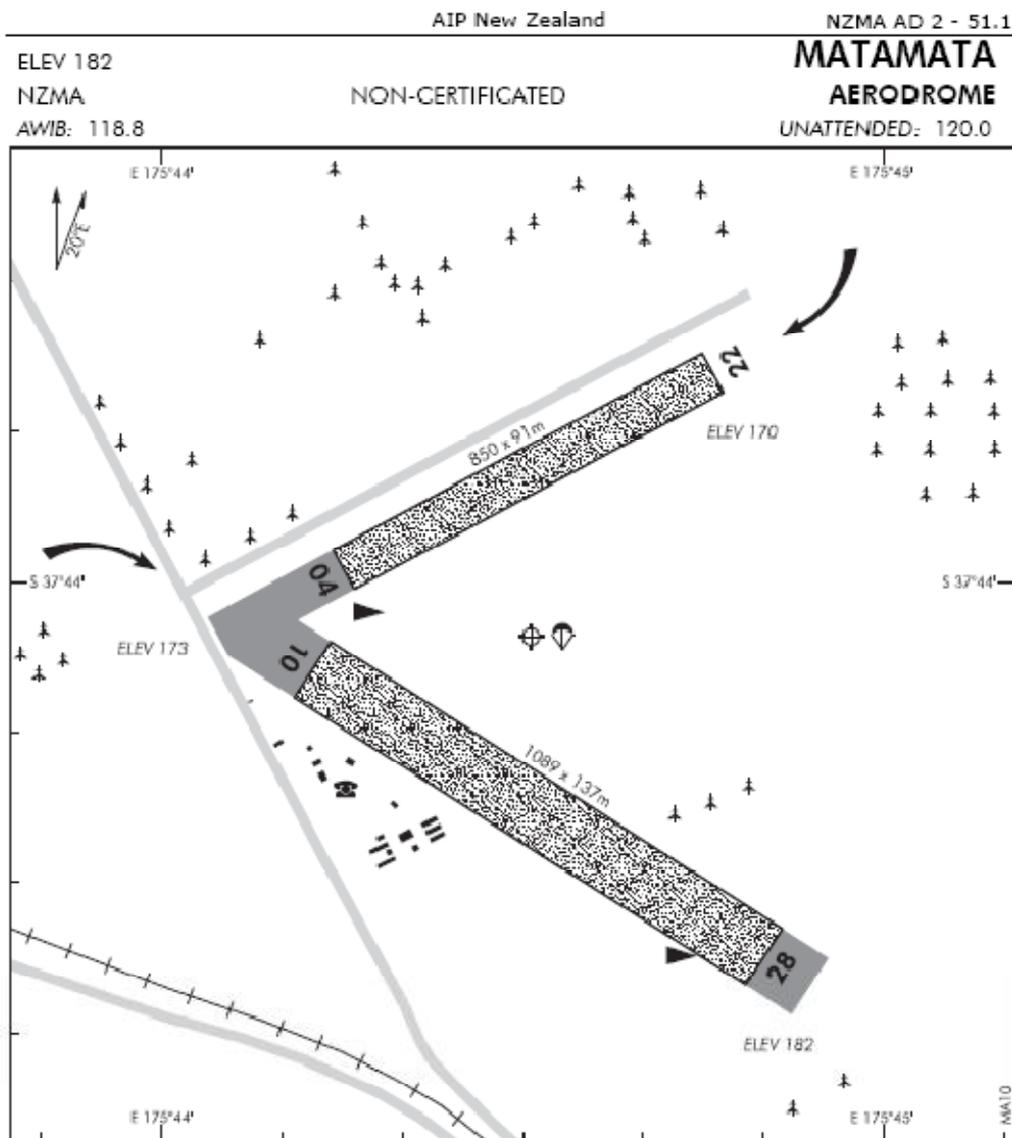
Paper Version:
 Sample

Marker's Name: _____

Answers Correct:

Result:
 PASS RESIT

Appendix A: Matamata Aerodrome Page from AIP New Zealand
Volume IV [Extract]



1. Circuit Direction: RWYs 04, 28 — Left hand
RWYs 10, 22 — Right hand
2. Runways may be closed at any time for grass harvest or model aircraft operations. White crosses displayed will indicate runways closed for these purposes.
3. Intensive sporting activities take place, particularly during weekends.
4. Glider Winch Launching: Operations may take place at any time. Refer to Matamata Winch Launching Chart.
5. When "Glider Operations" marker is displayed all parachute operations will be targeted to the PLA marker.
6. A private aerodrome located approx 0.5NM north of RWY 10 threshold necessitates extra care when operating on RWYs 10, 22 and 04.
7. Details on activities associated with the aerodrome can be obtained by contacting the appropriate operator:

Gliding:	Tel (07) 888 5972
Sky Diving:	Tel (029) 759 3483
Aero Club:	Tel (07) 888 8011
8. Prior to start-up and taxi each pilot should make a radio call to ascertain whether there are any parachutists in the air. Aircraft within 100m of an active drop zone should have their engines turned off.

S 37 44 04 E 175 44 31

Effective: 12 APR 07

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MATAMATA
AERODROME

Appendix B: Visual Navigation Chart C3 Auckland [Extract]

An A3-sized, correctly scaled extract will be provided for the actual exam

