

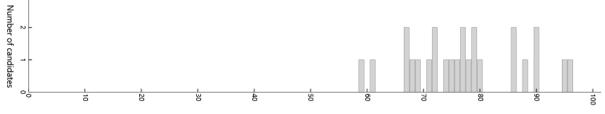


# Summary report of the 2022 ATAR course examination report: Aviation

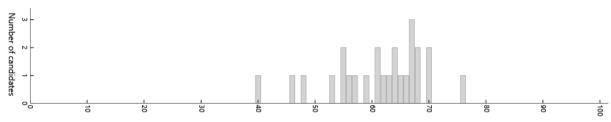
Year	Number who sat	Number of absentees
2022	25	0
2021	29	1
2020	24	0
2019	25	1

The number of candidates sitting and the number attempting each section of the examination the course page of the Scan differ as a result of non-attempts across sections of the examination.

# Examination score distribution–Practical



Examination score distribution-Written



# Summary

The course was examined in two parts: a practical examination and a written examination. In the practical examination, candidates performed very well with a mean of 77.39%. This was slightly higher than the mean in 2021 (76.97%). The mean of 61.04% for the written examination was also higher than the mean for 2021 (53.75%). The paper appeared to be an appropriate length, as most candidates attempted all questions.

<b>Practical examination</b> Attempted by 25 candidates	Mean 77.39%	Max 96.36%	Min 58.68%
Section means were:			
Take-off and climb	Mean 85.33%		
Attempted by 25 candidates	Mean 17.07(/20)	Max 20.00	Min 12.00
In-flight manoeuvres (turns, stall)	Mean 81.80%		
Attempted by 25 candidates	Mean 20.45(/25)	Max 25.00	Min 8.75
Use and interpretation of instruments			
(including navigation aids)	Mean 71.60%		
Attempted by 25 candidates	Mean 17.90(/25)	Max 25.00	Min 12.50
Descent and landing	Mean 73.23%		
Attempted by 25 candidates	Mean 21.97(/30)	Max 30.00	Min 13.85

## Written examination

Attempted by 25 candidates	Mean 61.04%	Max 76.02%	Min 39.84%
Section means were: Section One: Multiple-choice	Mean 70.20%		
Attempted by 25 candidates Section Two: Short answer	Mean 14.04(/20) Mean 58.74%	Max 17.00	Min 9.00
Attempted by 25 candidates	Mean 47.00(/80)	Max 62.02	Min 28.84

# General comments

### Practical

Overall candidates performed well, with a relatively high mean achieved. Whilst no candidates achieved full marks in each section overall, at least one candidate achieved the maximum mark per section, indicating that candidates were generally well prepared for each of the different sections. Several candidates presumed that an instrument landing system (ILS) approach was to be flown; however, this was not specified and was not included in the standard operating procedures. Section One (take-off and climb) and Section Two (inflight manoeuvres) had higher means than in 2021. Section Three (use and interpretation of instruments) and Section Four (descent and landing) for 2022 resulted in lower means than in 2021.

## Written

Overall, candidates scored higher in the multiple-choice questions compared to the short answer questions, where some non-attempts were observed. The paper was set at an appropriate level for this examination.

## **Practical examination**

#### Advice for candidates

- Ensure instructions are followed carefully, rather than making assumptions.
- Provide the most accurate response to questions asked by the markers.
- Reread the standard operating procedures (SOPs) prior to the examination to ensure flying is conducted according to all procedures.

#### Advice for teachers

- Provide students with previous examinations for practise.
- Practise the weaker areas identified in the individual sections (use and interpretation of instruments, and descent and landing).

#### Written examination

#### Advice for candidates

- Read the question carefully and answer the question's specifics rather than what you might have prepared for.
- Consider the number of marks available and the verb in the question, to gauge the level of detail and response length. Refer to the *Glossary of key words in the formulation of questions*, available on the course page.

#### Advice for teachers

• Utilise previous years' examinations as preparation.

# Comments on specific sections and questions

## **Practical examination**

A high standard of performance was observed in the practical examination.

## Written examination

Overall candidates performed to a high standard but struggled to provide in depth answers on some topics.

# Section One: Multiple-choice (20 Marks)

Candidates performed well for the multiple choice section of the examination with a high mean score achieved.

# Section Two: Short answer (137 Marks)

A range of candidate performance was evident in this section, with some questions that were more challenging. The questions with limited candidate responses indicated a lack of in depth knowledge, as well as not providing enough different plausible answers to achieve full marks.