

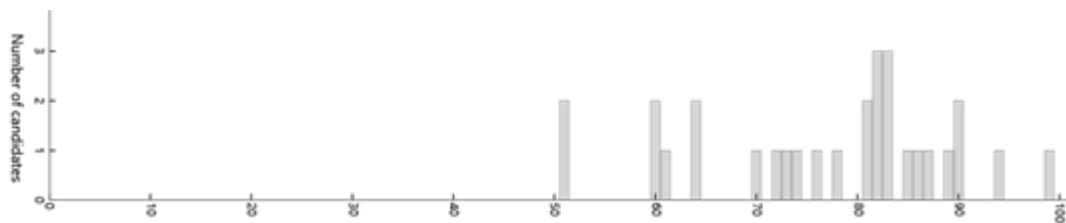


Summary report of the 2021 ATAR course examination report: Aviation

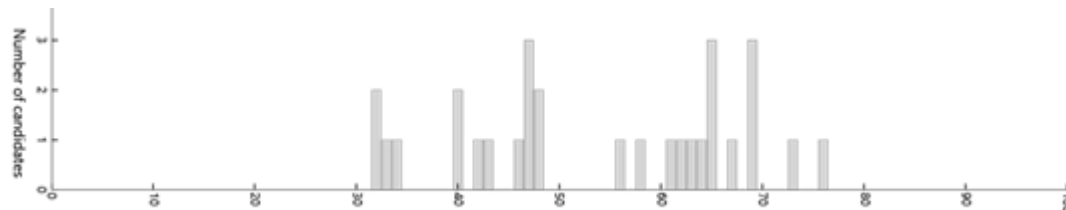
Year	Number who sat all examination components	Number of absentees from all examination components
2021	29	1
2020	24	0
2019	25	1
2018	17	0

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

Examination score distribution–Practical



Examination score distribution–Written



Summary

The Aviation ATAR course was examined in two parts: a 20 minute practical examination and a two and a half hour written examination. In the practical examination, candidates performed very well with a mean of 76.97%. This was slightly lower than in 2020 (mean of 79.63%), due to the additional marks available in performance criteria. The mean of 53.75% for the written examination was lower than the mean for 2020 (60.11%), although the paper appeared to be an appropriate length, as most candidates attempted all questions.

Practical examination

Attempted by 29 candidates Mean 76.97% Max 98.68% Min 51.08%

Section means were:

Take-off and climb	Mean 82.30%		
Attempted by 29 candidates	Mean 16.46(/20)	Max 20.00	Min 12.00
In-flight manoeuvres (turns, stall)	Mean 75.14		
Attempted by 29 candidates	Mean 18.78(/25)	Max 23.68	Min 6.58
Use and interpretation of instruments (including navigation aids)	Mean 77.24%		
Attempted by 29 candidates	Mean 19.31(/25)	Max 25.00	Min 10.00
Descent and landing	Mean 74.71%		
Attempted by 29 candidates	Mean 22.41(/30)	Max 30.00	Min 10.00

Written examination

Attempted by 29 candidates Mean 53.75% Max 75.84% Min 31.88%

Section means were:

Section One: Multiple-choice	Mean 63.45%		
Attempted by 29 candidates	Mean 12.69(/20)	Max 16.00	Min 8.00
Section Two: Short answer	Mean 51.32%		
Attempted by 29 candidates	Mean 41.06(/80)	Max 60.78	Min 19.53

General comments

Practical

Overall, candidates performed well, with a relatively high mean achieved. With additional marks available across performance criteria, the practical examination worked well to discriminate between candidates. Candidates' strength was their accuracy in flying, with take-off and climb performances continuing to be carried out to a high standard.

Written

Overall, candidates scored more highly in the Multiple-choice questions compared to the Short answer questions, where some non-attempts were seen. The paper was set at an appropriate level for this examination. However, some candidates showed insufficient knowledge of the aviation system, which was reflected in the marks achieved. In questions requiring explanations, candidates generally did not achieve as highly.

Practical examination

Advice for candidates

- Provide the most accurate answer possible when being asked questions by the markers.
- Reread SOPs prior to the examination to ensure flying is conducted according to all procedures.
- For improved preparation, you should access and practise using previous examinations.

Advice for teachers

- Provide students with opportunities to practise different inflight manoeuvres.
- Ensure students practise the following:
 - correctly identifying stall
 - not recovering from stall until requested
 - interpreting instruments including navigation aids
 - not reducing airspeed below 70 knots prior to commencing a glide descent.

Written examination

Advice for candidates

- Consider the number of marks allocated to each question and the verb being used e.g., identify, describe, explain etc., to gauge the level of detail required in your responses to questions. Refer to the *Glossary of key words in the formulation of questions*, located on the course page.
- Read each question carefully and answer all parts.

Advice for teachers

- Utilise previous examinations as preparation for the written examination.
- Ensure students have a thorough understanding of high-speed aerodynamics, as most current air transport operations are conducted in the transonic region.

Comments on specific sections and questions

Practical examination

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

Written examination

Section One: Multiple-choice (20 Marks)

Overall, candidates performed well in this section of the examination. A large spread of marks was evident, with a number of discriminating questions. Candidates found Questions 6 and 7 (with means of less than 30%) the most difficult, and demonstrated good understanding in Questions 9, 12 and 14 (with means of 85% or above).

Section Two: Short answer (129 Marks)

A range of candidate performance was evident in this section. The mean achieved in 2021 (51.32%) was lower in this section than in 2020 (58.00%). This indicates that candidates found this section of the examination challenging.