



DOCUMENT
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DOCUMENT TITLE
PRE-SOLO 2 SELF STUDY CTA
CHAPTER 3 – ADELAIDE ATIS

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THE ADELAIDE ATIS

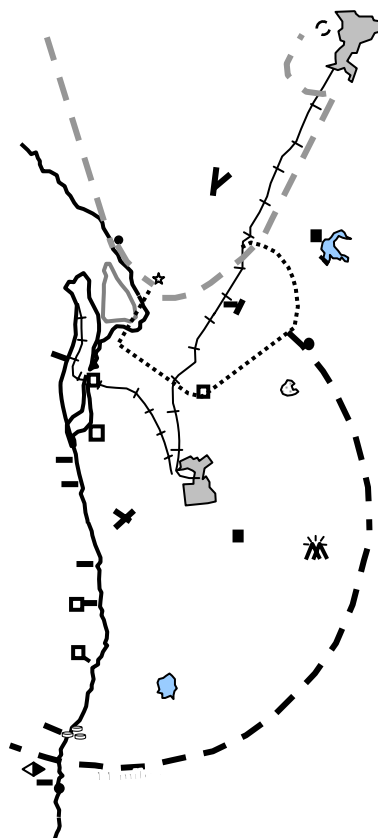
The following are examples of common information given on the Adelaide ATIS. (You should read through this and refer to it if you are having trouble understanding what you are hearing)

Cloud – Broken 350
Cloud – Cumulo-nimbus in area.
Cloud – nil below 5000 feet.
Cloud, stratus on the ranges
1000 foot wind reported 020 degrees, 15 knots
Reported 500 foot wind - 050 degrees 15 knots.
Reported wind at 500 feet 340 degrees 40 knots.
Wind – calm
Wind, light easterly
Wind, light north-easterly.
Lighting observed in area
Visibility - greater than 10 kilometres. Reduced to 5 kilometres in fog.
Visibility greater than 10 kilometres, reduced to 8 kilometres in blowing dust.
Visibility reduced to 4000 metres in light rain
Visibility reduced to 4000 metres in passing showers
Visibility reduced to 5000 metres to north.
Entry to Runway 23 via taxiway Delta only.
Aircraft from east expect instrument approach.
ILS radiating on test, not to be used for navigation
Land and hold short operations are in progress
Men and equipment within flight strip runway 23
Personnel operating on the sealed shoulder of runway 23
Restriction on taxiway A6 due work in progress
Runway 12 not available due to work in progress
Taxiway guidance available
Taxiway work in progress
Surface conditions: wet
Surface conditions: damp
VOR not available due maintenance
Airport warning forecast from 2330 hours to 0730 hours - gusts to 45 knots possible.
Airport warning forecast. Gusts to 45 knots possible till 0730.
Moderate turbulence forecast below 6000 feet.
Rain in area.
Showers in area
Lightning observed in area
Weather conditions are below VMC within 5 miles of Adelaide, inland of the coast

ATIS WRITING EXERCISE

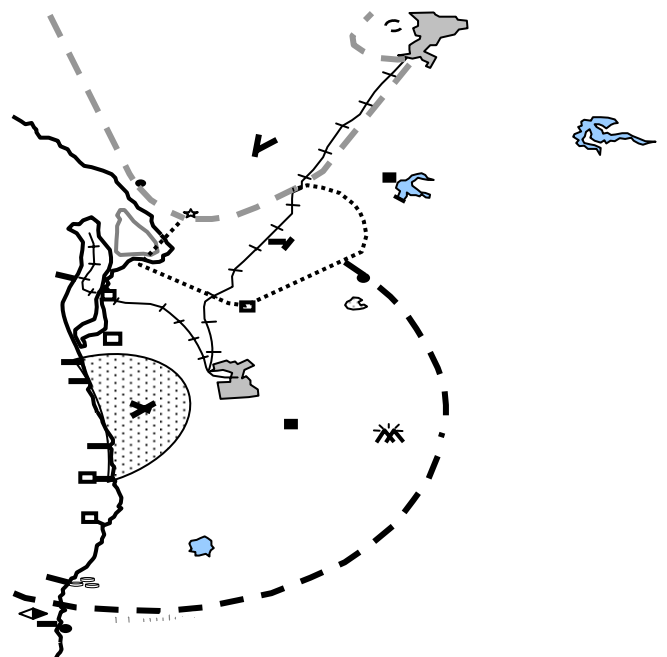
1. What are simultaneous runway operations?
2. The ATIS advises: 'Caution, there are personnel working on the sealed shoulders of the runway'. What does this mean?
3. The ATIS says 'Aircraft from the East expect instrument approach'.
 - a) What would the weather be like at Adelaide Airport on that day?
 - b) What kind of instrument approach would most of the aircraft be making?
4. What does 'Taxiway guidance is available' mean?
 - b) What would you say to request taxiway guidance?
 - c) Who would you ask?
5. If the ATIS advised that 'Aircraft must enter the runway via taxiway Delta only' and you didn't know where taxiway Delta was, how could you make sure that you taxied the correct way?
 - a)
 - b)
6. Sometimes the ATIS may advise of works in progress at the Airport. What are 'works in progress'? How is this referred to on a NOTAM?
 - a)
 - b)
7. The ATIS advises 'runways are damp'. What does this mean?
8. Which runway would have more water lying on it, a Damp runway, or a Wet runway?
9. The ATIS warns of a "maximum downwind on the runway'. In what way could this be a problem? What could you do if you were not happy about the effect on your aircraft's performance?
 - a)
 - b)
10. What is 'light' rain?
11. The ATIS advises: 'Men and equipment within flight strip runway 23. What does this mean?

12. The ATIS advises that 'Weather conditions are below VMC within 5 miles, inland of the coast'. Can you do a VFR Nav. into Adelaide?
13. What is the area advised in the ATIS that is below VMC.



ATIS WRITING EXERCISE ANSWERS

1. SIMOPS are landing operations on more than one runway at the same time, stopping short of the intersection. A pilot must be approved to carry out that operation. Our students are not approved for LAHSO, though they may be asked to “stop by the intersection after landing”.
2. There are men doing maintenance on the bitumen edges of Runway 23
3. a) Probably poor weather with low cloud over the ranges
b) ILS from Modbury to Runway 23.
4. a) Traffic directions are available from the controller
b) “Tango Golf X-ray, request taxiway guidance to:”
c) Adelaide Ground
5. Look up the airport diagram (Jeppesen)
b) Ask for taxiing guidance
6. Maintenance; men and / or machinery working on the runways and taxi ways
b) NOTAM number which gives dates of currency
7. Runways are slightly wet, usually after light rain, with no standing water
8. A wet runway
9. a) Poorer aircraft performance – longer take off ground run on a d/w runway.
b) More difficult to stop if landing, possibly before crossing runways. Request a change of runway
10. Not heavy! Enough to wet runways and taxiways and make them damp
11. There are people and equipment working within the gable markers of runway 23, probably cutting the grass.
12. No
- 13.



ADELAIDE ATIS 09 LISTENING EXERCISE

Listen to the 16 ATIS and write them down in your workbook.

Check your answers when you have finished.

ADELAIDE ATIS 09 TAPESCRIPT

No. 1

Adelaide Terminal Information Charlie

Runway 23

Wind: 220 degrees, 12 knots

Visibility greater than 10 km

Cloud: Scattered 4200 feet

Temperature: 18

QNH 1016

On first contact with Adelaide Ground or Approach notify receipt of Charlie

Time check 0346½

No. 2

Adelaide Terminal Information Whiskey

Runway 05

Wind: varying between 310 and 040 degrees, 10 knots

Maximum crosswind 12 knots, runway 05

CAVOK

Temperature: 36 degrees

QNH 1011

On first contact with Adelaide Ground or Approach notify receipt of Whiskey

Time Check 0419½

No. 3

Adelaide Terminal Information Alpha

Runway 23

Wind: varying between 210 and 320 degrees, 7 knots

Maximum downwind 3 knots

CAVOK

Temperature 27

QNH 1011

On first contact with Adelaide Ground or Approach notify receipt of Alpha

Time Check 2346

No. 4

Adelaide Terminal Information Tango

Runway 23

Wind: 320 degrees, 6 knots

Reported wind 500 feet, 060 degrees 10 knots

CAVOK

Temperature: 20

QNH 1011

On first contact with Adelaide Ground or Approach notify receipt of Tango

Time Check 2150½

No. 5

Adelaide Terminal Information Uniform

Runway 05

Wind: 040 degrees, 7 knots

CAVOK

Temperature: 20

QNH 1011

On first contact with Adelaide Ground or Approach notify receipt of Uniform

Time Check 2306

No. 6

Adelaide Terminal Information Foxtrot

Runway 05

Wind: variable, 5.

Maximum downwind 5 knots

Visibility greater than 10 km

Reduced to 8 km in showers

Cloud: Scattered 4000 feet

Temperature: 26

QNH 1007

On first contact with Adelaide Ground or Approach notify receipt of Foxtrot

Time Check 0552

No. 7

Adelaide Terminal Information Alpha

Runway 05

Wind: 330 degrees, 10 knots

Maximum crosswind 12 knots.

CAVOK

Temperature: 28

QNH 1002

On first contact with Adelaide Ground or Approach notify receipt of Alpha

Time check 2110½

No. 8

Adelaide Terminal Information Golf

Expect instrument approach

Runway 23

Wet

High intensity approach lighting on

Wind: 300 degrees, 15 knots

Maximum crosswind 18 knots.

Visibility greater than 10 km

Reduced to 4000m in rain

Cloud: Scattered 4500

Temperature: 23

QNH 1002

On first contact with Adelaide Ground or Approach notify receipt of Golf

Time check 2223½

No. 9

Adelaide Terminal Information Quebec

Expect instrument approach

Runway 23

Wet

High intensity approach lighting on

Wind: 250 degrees, 20 knots

Maximum crosswind 16 knots.

Visibility greater than 10 km

Reduced to 3000m in rain

Cloud: Broken 900 feet, Overcast 1700 feet

Temperature: 20

QNH 1005

On first contact with Adelaide Ground or Approach notify receipt of Quebec

Time check 0103

CHAPTER 3
ADELAIDE ATIS



PRE-SOLO SELF STUDY CTA

No. 10

Adelaide Terminal Information Alpha

Aircraft from east expect instrument approach

Runway 23

Damp

Wind: 240 degrees, minimum 20 knots , maximum 30 knots

Maximum crosswind 15 knots

Visibility greater than 10 km

Reduced to 8 km in showers

Cloud: Scattered 3400 feet, broken 4500 feet

Temperature: 18

QNH 1021

On first contact with Adelaide Ground or Approach notify receipt of Alpha

Time Check 0350½

No. 11

Adelaide Terminal Information Golf

Aircraft from east expect instrument approach

Runway 23 and 12 for arrivals

Runway 23 for departures

Land and hold short operations in progress

Wind: 200 degrees, 12 knots

Maximum crosswind 15 knots runway 12

Maximum downwind 3 knots runway 12

Visibility greater than 10 km

Cloud: Scattered 3000 feet

Temperature: 21

QNH 1017

On first contact with Adelaide Ground or Approach notify receipt of Golf

Time Check 0501½

No. 12

Adelaide Terminal Information Juliet

Runway 23

Wind: 240 degrees, 12 knots

Visibility greater than 10 km

Cloud: Few 045

Temperature: 25

QNH 1015

On first contact with Adelaide Ground or Approach notify receipt of Juliet

Time Check 2243½

**CHAPTER 3
ADELAIDE ATIS**



PRE-SOLO SELF STUDY CTA

No. 13

Adelaide Terminal Information Juliet

Runway 23 and 12 for arrivals

Runway 23 for departures

Multiple helicopter operations, east of the city, not above 1000 feet

AIP supplement H409 procedures in use

Wind: varying between 180 and 280 degrees, 6 knots

Maximum downwind 3 knots, runway 12

CAVOK

Temperature: 21

QNH 1015

On first contact with Adelaide Ground or Approach notify receipt of Juliet

Time Check 0023½

No 14

Adelaide Terminal Information Alpha

Runway 05

Damp

Wind: 340 degrees 5 knots

Visibility greater than 10 km

Light drizzle in area

Cloud: Few 8000 feet

Temperature: 18

QNH 1016

On first contact with Adelaide Ground or Approach notify receipt of Alpha

Time Check 2300½

No. 15

Adelaide Terminal Information Charlie

Runway 05

Damp

Wind: 020 degrees, 8 knots

Visibility greater than 10 km

Rain in area

Cloud: Nil below 5000 feet

Temperature: 18

QNH 1015

On first contact with Adelaide Ground or Approach notify receipt of Charlie

Time check 0031½

No. 16

Adelaide Terminal Information Oscar

Runway 23 and 12 for arrivals

Runway 23 for departures

Land and hold short operations in progress

Wind: 230 degrees, 8 knots

Maximum downwind 4 knots. Runway 12

CAVOK

Temperature: 28

QNH 1015

Reported wind 700 feet, 030 degrees, 9 knots.

On first contact with Adelaide Ground or Approach notify receipt of Oscar

Time check 0521½

ADELAIDE ATIS VOCABULARY*Match the correct word with the correct definition*

Word or phrase		Word or phrase		Word or phrase	
Personnel	1	nil		Departures	
Wet		blowing dust		Expect	
Damp		Cumulo nimbus		Taxiway Guidance	
north-easterly		Arrivals		Downwind	
maximum		Traffic		Coastal off-shore	
reduced		Shoulders		Rain	
fog		NOTAM		Scattered (cloud)	
Instrument approach		Variable		WIP	
Airport warning		Inland of the coast		Gust	
possible		Showers		Few (cloud)	
Land and hold short Operations		probable		crosswind	
moderate				Reported wind	

- | | |
|---|---|
| 1. People | 19. Small particles of earth raised and held in the air by extremely strong winds |
| 2. A medium amount | 20. The component of the wind which is blowing across the runway |
| 3. The most | 21. Three to four Oktas of cloud |
| 4. One to two Oktas | 22. Made less |
| 5. Short but significant increases in wind speed | 23. Aircraft flying towards the airport, with the intention of landing there |
| 6. No/none | 24. Flying along the coastline, over the land |
| 7. Able to be done or happen | 25. The edges of the runways |
| 8. Probably a runway 23 ILS when there is bad weather to the east of Adelaide | 26. Instructions from the Ground Controller, to tell you where to taxi |
| 9. A significant amount of water on the runway surface | 27. Aircraft taking off and flying away from an airport |
| 10. Precipitation | 28. Changeable - from many different directions |
| 11. A wind from about 040 degrees | 29. Other aircraft |
| 12. The amount of wind as estimated by a crew in flight | 30. Flying along the coastline, over the water |
| 13. Advice that severe weather can be expected at the aerodrome shortly | 31. A 'Notice to Airmen |
| 14. Thunderstorm clouds | 32. Rain then sunshine, then rain then sunshine, then..... |
| 15. Tiny water droplets in the air which severely reduce visibility | 33. This probably will happen |
| 16. Sufficient water on the runway to cause a change of colour on the surface | 34. Tailwind |
| 17. Maintenance being carried out on the airport area | 35. Operations using more than one runway at the same time with a requirement to stop before the crossing runway intersection |
| 18. Likely to happen. | |

ADELAIDE ATIS VOCABULARY ANSWERS

Word or phrase		Word or phrase		Word or phrase	
Personnel	1	nil	6	Departures	27
Wet	9	blowing dust	19	Expect	33
Damp	16	Cumulo nimbus	14	Taxiway Guidance	26
north-easterly	11	Arrivals	23	Downwind	34
maximum	3	Traffic	29	Coastal	30
reduced	22	Shoulders	25	Rain	10
fog	15	NOTAM	31	Scattered (cloud)	21
Instrument approach	8	Variable	28	WIP	17
Airport warning	13	Inland of the coast	24	Gust	5
possible	7	Showers	32	Few (cloud)	4
Land and hold short Operations	35	probable	18	crosswind	20
moderate	2			Reported wind	12

- | | |
|--|---|
| <p>1. People</p> <p>2. A medium amount</p> <p>3. The most</p> <p>4. One to two Oktas</p> <p>5. Short but significant increases in wind speed</p> <p>6. No/none</p> <p>7. Able to be done or happen</p> <p>8. Probably a runway 23 ILS when there is bad weather to the east of Adelaide</p> <p>9. A significant amount of water on the runway surface</p> <p>10. Precipitation</p> <p>11. A wind from about 040 degrees</p> <p>12. The amount of wind as estimated by a crew in flight</p> <p>13. Advice that severe weather can be expected at the aerodrome shortly</p> <p>14. Thunderstorm clouds</p> <p>15. Tiny water droplets in the air which severely reduce visibility</p> <p>16. Sufficient water on the runway to cause a change of colour on the surface</p> <p>17. Maintenance being carried out on the airport area</p> <p>18. Likely to happen.</p> | <p>19. Small particles of earth raised and held in the air by extremely strong winds</p> <p>20. The component of the wind which is blowing across the runway</p> <p>21. Three to four Oktas of cloud</p> <p>22. Made less</p> <p>23. Aircraft flying towards the airport, with the intention of landing there</p> <p>24. Flying along the coastline, over the land</p> <p>25. The edges of the runways</p> <p>26. Instructions from the Ground Controller, to tell you where to taxi</p> <p>27. Aircraft taking off and flying away from an airport</p> <p>28. Changeable - from many different directions</p> <p>29. Other aircraft</p> <p>30. Flying along the coastline, over the water</p> <p>31. A 'Notice to Airmen</p> <p>32. Rain then sunshine, then rain then sunshine, then.....</p> <p>33. This probably will happen</p> <p>34. Tailwind</p> <p>35. Operations using more than one runway at the same time with a requirement to stop before the crossing runway intersection</p> |
|--|---|