

ADELAIDE (ADL/YPAD)

Elevation 20ft

CATEGORY A

No AV brief required.

GENERAL

- Adelaide Airport is located near the coast, surrounded by the city of Adelaide
- High ground rises to the east of the airfield

Threats**CFIT**

- The Mount Lofty ranges rise to the east of the city, with spot heights of 1,365ft amsl 5 NM SE and in excess of 2,000 ft amsl within 15 NM E
- Mount Lofty, 2,779ft amsl is 9NM E
- Night approaches to Rwy 05/12 may be susceptible to 'black hole' illusion, exacerbated by the lights of the city in the background. Make maximum use of instrument approaches and VNAV path guidance

Runway Incursion

- Take care not to cross runway 12/30 without clearance.
- Smaller aircraft may use rwy 12/30. LAHSO may be used; Simfest are not authorised to take part, either actively or passively.

Mid Air Collision

- Opposite direction runway operations may be used where weather conditions permit (i.e. landing rwy 23/departing rwy 05 or vice versa), particularly during curfew periods (1230-1930Z).

ARRIVAL**Diversion Airports**

MELBOURNE	MEL/YMML	390 nm/120°T	CAT A
AVALON	AVV/YMAV	414 nm/124°T	CAT A
ALICE SPRINGS	ASP/YBAS	742 nm/338°T	CAT B
WILKINS	WKS/YWKS	2226 nm/198°T	CAT C

Approach

- ILS only available to Rwy 23. Other runways are equipped with RNAV (GNSS) approaches. GPS must be serviceable to fly these approaches.
- RNAV-Z Rwy 05: note potential for confusion between IAF/holding fix 'PADSE' and IF 'PADSI'. If in doubt as to which fix you are cleared to, clarify with ATC.

GROUND

- Twy D1, E1, E2, F4 not available to code E acft

DEPARTURE

- GILES5 SID: Note crossing restrictions at MOPRI (5,000 or above in 11 track miles), SARAG (7,000 or above in 16 track miles) and DOPTI (10,000 or above in 25 track miles) which may be challenging at higher weights
- If unable to achieve the crossing restrictions inform ATC prior to departure. The ADELAIDE 4 departure may be an alternative.
- High ground to the east of the aerodrome
- Initial climb likely to be to a Flight Level

WEATHER

- Summer (Dec-Feb) generally hot and dry. Winter cool with moderate rainfall.
- Average high/low temperature 29°C (Jan)/7°C (Jul)
- Frost has been known to occur in July.
- Hail common in winter months.
- Snowfall is extremely uncommon in the city, but sporadic snow showers over the high ground and at Mount Lofty are common during winter.

OPERATIONAL INFORMATION

Handling Agent	
Handling Agent VHF	
Potable Water	

IF ONLY Electrical Power is required	Use ground power at all times
IF BOTH electrical power and air conditioning is required:	Use both ground services at all times