

## KEDAH (AOR/WMKA)

Elevation 14ft

### CATEGORY B

No AV brief available.

### GENERAL

- Sultan Abdul Halim airport is located 8 NM north of Alor Setar on Malaysia's north western coast.
- Terrain precludes approaches to Rwy 22 and departures from Rwy 04

### Threats

#### CFIT

- Although the airfield is at sea level, terrain rises steeply to the north, east and south with a spot height of 1,414 ft asl at 7 NM on the Rwy 22 extended centreline
- The 2000 ft asl contour is within 15 NM and there are numerous peaks over 2,500 ft asl within 20 NM directly north-east.
- The SSA to the south east is 5,500 ft and there is a 2,836 ft peak 20 NM SE

#### Runway Incursion

- Opposite direction runway operations
- Departures from Rwy 04 will require backtrack, as would arrivals on Rwy 22

#### Mid Air Collision

- Due to the terrain, opposite direction arrivals and departures are normally used with departures from Rwy 22 and arrivals to Rwy 04

### ARRIVAL

#### Diversion Airports

HAT YAI	HDY/VTSS	44 nm/360°T	CAT A
PENANG	PEN/WMKP	54 nm/188°T	CAT B
KUALA LUMPUR	KUL/WMKK	220 nm/160°T	CAT B

### Approach

- The only instrument approaches available are to Rwy 04 due to terrain rising steeply on all other sides of the airfield
- Missed approach Rwy 04 requires an early left turn and accurate tracking due to terrain
- Normal operations use Rwy 04 for arrivals and Rwy 22 for departures (opposite direction); for World Flight it is likely that this will be suspended and arrivals and departures will operate in the same direction.

### GROUND

- Departure Rwy 04 requires backtrack

- Note that Taxiways K and L are limited to small aircraft (<7,000kg MTOW) only
- Limited parking available

### DEPARTURE

- Normally all departures are from Rwy 22. However during World Flight it is likely that this procedure will be suspended.
- Departure Rwy 04 will require visual conditions to MSA

### WEATHER

- Temperatures are relatively consistent year round with average daily high/low 32°C/23°C.
- The wet season is lengthy and runs Mar-Nov with September and October the wettest months, though rain is often seen even during the 'dry' season. Thunderstorms are frequent during the afternoons.

### OPERATIONAL INFORMATION

<b>Handling Agent</b>	Aerohandlers
<b>Handling Agent VHF</b>	
<b>Potable Water</b>	Not assessed

<b>IF ONLY Electrical Power is required</b>	Use APU (GPU equipment not available)
<b>If BOTH electrical power and air conditioning is required:</b>	Use APU (ACU equipment not available)