
WMKM AD 2.1 AERODROME LOCATION INDICATOR AND NAME
WMKM - MALACCA
WMKM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	LAT 021547N LONG 1021509E
2	Direction and distance from city	Dist 7 KM North of Malacca City.
3	Elevation / Reference temperature	40 FT (12.25 M) / 31.6° C
4	Geoid Undulation (ARP)	1.050M
5	MAG VAR / Annual change	01 min 00 sec West (2012)
6	AD Administration, address, telephone, telefax, telex, AFS	<p>Operator: Malaysia Airports Sdn. Bhd. Malacca Airport Hang Tuah Jaya 75350 Batu Berendam Malacca. Tel : 06 - 3175860 Fax : 06 - 3175214</p> <p>ATC Services: Department of Civil Aviation Malaysia Malacca Airport Hang Tuah Jaya 75350 Batu Berendam Malacca. Tel : 06 - 3174895, 06 - 3174759 Fax : Office: 06 - 3174484 Tower: 06 - 3171026 AFTN: WMKMZTZX</p>
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil

WMKM AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1100UTC Daily.
2	Customs and immigration	Customs : HJ. 24 hr PN outside Ops hr. Immigration : HJ. 24 hr PN outside Ops hr.
3	Health and sanitation	Nil
4	AIS Briefing Office	HJ
5	ATS Reporting Office (ARO)	HJ
6	MET Briefing Office	H24
7	ATS	2300 - 1100 (outside ops hrs subject to approval).
8	Fuelling	Nil
9	Handling	By prior arrangement with handling agents.
10	Security	H24
11	De-icing	Nil
12	Remarks	Agriculture (quarantine) : HJ. 24 hr PN outside Ops hr.

WMKM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Nil
2	Fuel / Oil types	Nil
3	Fuelling facilities / capacity	Nil
4	De-icing facilities	Nil
5	Hanger space available for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

WMKM AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in town.
2	Restaurants	Cafeteria and shop in terminal building.
3	Transportation	Taxi and public bus services.
4	Medical facilities	General / Private / Specialist Hospital in town.
5	Bank and Post Offices	Bank / Post Office in town.
6	Tourist Office	Tourist office in town.
7	Remarks	Nil

WMKM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Required : CAT V Available : CAT V Trained personnel : 10 Minimum per shift: 6
2	Rescue equipment	Type of vehicle a) Mini Rapid Intervention Vehicle b) Ultra Large Foam Tender
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

WMKM AD 2.7 SEASONAL AVAILABILITY - CLEARING

NOT APPLICABLE

WMKM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Concrete Strength : PCN 47/R/D/X/T
2	Taxiway width, surface and strength	Width : Twy A 15M with 5M shoulder on either side. Twy C and Twy D 7.5M Surface : Twy A: Asphalt. Twy C and D: Asphalt Strength : Twy A: PCN 47/F/D/X/T
3	ACL location and elevation	Location : Main apron Elevation : 13FT / 4M
4	VOR / INS checkpoint	VOR : Twy A Holding Position: 296° / 0.9NM INS : At aircraft parking stand Bay 1 - 021521.78N 1021459.91E Bay 2 - 021521.98N 1021500.02E
5	Remarks	Nil

WMKM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking / parking guidance system of aircraft stands	Taxiing guidance signs at intersection with TWY and RWY and at RWY Holding positions. Yellow taxiing guidelines at aprons. Aircraft lead-in line, alignment bar, stop line and lead-out line for all parking bays.
2	RWY and TWY markings and LGT	RWY: Designation, THR, TDZ, Centerline, Aiming point, Side-stripe and Turn Pad markings. RWY LGT: High intensity edge lights, green threshold lights, and red end lights. TWY: Centerline, edge and holding position markings. TWY LGT: Taxiway / apron edge lightings
3	Stop bars	Nil
4	Remarks	Nil

WMKM AD 2.10 AERODROME OBSTACLES

IN APCH/TKOF AREAS			IN CIRCLING AREA AT AD		
1			2		3
RWY/AREA Affect'ed	TYPE ELEV Markings/LGT	Coordinates WGS 84	TYPE ELEV Markings/LGT	Coordinates	
a	b	c	a	b	
03 APCH 21 TKOF	Nil	-	WDI-lighted 12.4M / 41FT	021535.67N 1021454.63E 304M from Threshold 03. 83M from RWY centerline left side.	
21 APCH 03 TKOF	Hill: 53.39M / 175FT AMSL (Hill protrude 1M above 2% Approach obstacle limitation surface.	021718.84N 1021609.08E 2065M from Threshold 21. 302M on left side of extended Centerline on approach to Rwy 21	WDI-lighted 18.0M / 59FT GP antenna 20.08M / 66FT	021606.90N 1021518.76E 304M from Threshold 21 83M from RWY centerline left side 021536.41N 1021454.18E	
Elevation of Obstacles above transitional, Inner Horizontal and Conical Obstacle Limitation Surface					
Federal Secretariat Building, Ayer Keroh, 426FT AMSL. Lgtd at night			021609N 1021714E Inner Horizontal		
Telecoms Mast at Bukit Cheng, Hgt 185FT AMSL, marked and lgtd			021500N 1021310E Inner Horizontal		
Telecoms tower Kolam Air Bertam Malim 170FT. AMSL			021502N 1021321E Inner Horizontal		
Hill 168FT AMSL			021616N 1021624E Inner Horizontal		
Hill Bukit Jelutong 173FT AMSL			021539N 1021547E Inner Horizontal		
Hill Bukit Lesong Batu 377FT AMSL			021539N 1021650E Inner Horizontal		
Hill Goong Piring 198FT AMSL			021504N 1021310E Inner Horizontal		
Telecoms Tower Bukit Tinggi 382FT AMSL			021525N 1021309E Inner Horizontal		
Hill 197FT AMSL			021538N 1021321E Inner Horizontal		
Hill Bukit Kuda 197FT AMSL			021624N 1021331E Inner Horizontal		
Hill 197FT AMSL			021628N 1021321E Inner Horizontal		
Hill 243FT AMSL			021722N 1021644E Inner Horizontal		
TNB Electrical Pylon 290FT AMSL			021644N 1021645E Inner Horizontal		
Telecoms Tower Lot 97, Kawasan Perindustrian Ayer Keroh 350FT AMSL			021523N 1021753E Conical		
Hill Bukit Gondol 206FT AMSL			021358N 1021637E Conical		
Telecom Tower Bukit Beruang 767FT AMSL, Marked and lgtd.			021435N 1021705E Conical		
Telecoms Tower Lot 479 Mukim Cheng 280FT AMSL			021633N 1021250E Conical		
3 Chimney, Air Keroh Industrial Area 334FT AMSL			021520N 1021720E Conical		
CTRM Building, West of airfield 100FT AMSL			021550N 1021514E Transitional		
Multi Storey Building (PDRM Staff Quarters) 204FT AMSL			021720N 1021446E Inner Horizontal		

WMKM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	MALACCA
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	KL International Airport Meteorological Office 24
4	Type of landing forecast Interval of issuance	METAR/SPECI Hourly
5	Briefing / consultataion provided	On request
6	Flight documentation Language(s) used	Charts, Tabular Form and Abbreviated Plain Language Text English
7	Charts and other information available for briefing or consultation	Nil
8	Supplementary equipment available for providing information	Self-Briefing Terminals (Internet)
9	ATS units provided with information	Malacca Control Tower
10	Additional information	Tel : +06 - 3175773 Fax: +06 - 3176646

WMKM AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designation RWY	TRUE and MAG BRG	Dimensions of RWY (M)	Strength (PCN) Surface of RWY and SWY	THR Coordinates	THR Elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03	030.07°T 030.16°M	2135 x 45	PCN: 47/F/D/X/T Asphalt	021525.99N 1021452.66E	THR elevation 5.50M (18.04FT) Elev TDZ: 5.36M (17.58FT)
21	210.07°T 210.16°M	2135 x 45	PCN: 47/F/D/X/T Asphalt	021626.13N 1021527.32E	THR elevation: 12.25M (40.19FT)
Slope of RWY - SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strips Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.316%	Nil	60 X 180	2255 X 300	Nil	Nil
0.316%	Nil	60 X 180	2255 X 300	Nil	Nil

WMKM AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
03	2135	2195	2135	2135	RESA - 90 X 90M
21	2135	2195	2135	2135	RESA - 90 X 90M

WMKM AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH Lgt	THR Lgt	VASIS (MEHT) PAPI	TDZ Lgt	RWY Centre Line Lgt	RWY Edge Lgt	RWY End Lgt WBAR	SWY Lgt	Remarks
1	2	3	4	5	6	7	8	9	10
03	Precision approach Cat. 1	Green	PAPI Slope 3°	Nil	Nil	White / Yellow	Red	Nil	Approach Lights length: 578M. PAPI on left side
21	Simple approach	Green	PAPI Slope 3°	Nil	Nil	White / Yellow	Red	Nil	Approach Lights length: 360M. PAPI on left side

WMKM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	ABN: Available rotating green / white light during ATC operation hours, at night and poor visibility conditions. IBN: Not available.
2	LDI location and LGT Anemometer location and LGT	LDI: Not available. Anemometer: At wind-direction indicator (WDI) RWY 03: 304M from THR on left side, lighted. RWY 21: 304M from THR on left side, lighted.
3	TWY edge and centre line lighting	Twy Edge Lights - Blue, Centerline lights - Nil Apron Edge Lights - Blue.
4	Secondary power supply / switch-over time	Automatic standby generator available for Control Tower and equipment. Max switch over time 10 sec. Automatic standby generator available for airfield lightings and terminal building. Max switch over time 15 sec.
5	Remarks	Nil.

WMKM AD 2.16 HELICOPTER LANDING AREA

NIL

WMKM AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Malacca CTR Commencing from 023734.30N 1021345.64E, clockwise along an arc of a circle 22 NM radius centered on VMK DVOR/DME 021529.00N 1021445.00E, to 023438.50N 1022549.35E thence a straight line to 022343.48N 1022724.81E, thence a straight line to 021257.24N 1023941.29E, thence along the arc of a circle 25 NM radius centered on VMK DVOR/DME to 021358.59N 1014952.41E, thence along the arc of a circle 30 NM radius centered on VKL DVOR/DME 024328.00N 1014417.00E to 023734.30N 1021345.64E.
2	Vertical limits	Gnd Level to 6500 FT.
3	Airspace classification	C
4	ATS unit call sign Language(s)	Malacca Tower English
5	Transition altitude	11,000 FT .
6	Remarks	Nil

WMKM AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	ID	Frequency	Hours of operation	Remarks
1	2	3	4	5
SMC	MALACCA GROUND	121.6MHZ	2300 - 1100	Aircraft to call Malacca Ground for start-up
AD/APP	MALACCA TOWER	118.0MHZ		121.5MHz - Distress Frequency
ATIS	MALACCA INFORMATION	127.450MHz		

WMKM AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid	ID	Frequency	Hours of operation	Coordinates	DME Elevation	Remarks
1	2	3	4	5	6	7
NDB	MC	362KHZ	H24	021229.60N 1021318.50E	-	207° MAG / 3.33NM to THR RWY 03. 50W.
DVOR/DME	VMK	117.4MHZ CH121X		021529.00N 1021445.00E	DME antenna elevation 6.5M	
ILS/LOC	IKKM	111.7MHz		021633.74N 1021531.70E	-	
GP/DME	-	333.5 MHz CH54X		021537.16N 1021454.61E	20.08 M 65.88 FT	GP: 3° slope DME collocated with GP

WMKM AD 2.20 LOCAL TRAFFIC REGULATIONS

1 Local Flying Restrictions

- 1.1 Over Malacca City - a. Light aircraft not less than 1000FT.
b. Medium aircraft not less than 1500FT.
- 1.2 Circuit - Active Circuit : Left Hand Circuit for Rwy 03; Right Hand Circuit for Rwy 21.
Circuit Height - Light Category Aircraft - 1000FT; Medium Category Aircraft 1500FT.

2 Departing Aircraft /Start Up.

- 2.1 To regulate the movement of aircraft with respect to other aircraft on the apron, departing aircraft shall contact Malacca Ground on 121.6 MHz for start-up.
- 2.2 The pilot-in-command and aircraft marshallers shall be responsible for the safety of aircraft with respect to all other aircraft, vehicles, persons and other obstructions on the apron during docking, engine start-up, taxiing and also ensuring the appropriate blast zone behind the aircraft is clear during engine start-up.
- 2.3 The pilot shall contact ATC for taxiing instructions prior to entering the manoeuvring area. ATC Clearance shall be issued before start-up (for IFR) or on taxiing (for VFR).
- 2.4 Clearance to enter active runway and departure clearance shall be issued by the Tower on 118.0 MHz.

3 Arriving Aircraft Parking Arrangement

- 3.1 Arriving schedule aircraft will be allocated a Stand/Bay number by SMC.
- 3.2 Upon entering the apron, pilot shall look-out for marshaller to guide aircraft to the assigned parking stand.
- 3.3 General aviation aircraft will normally be allocated open bay (Bay R1, R2, R3 or R4) at General Aviation Apron. Aircraft operator shall make their own arrangement if marshalling service is required.
- 3.4 Aircraft are not allowed to park at holding area adjacent to intersection B (Taxiway B)
- 3.5 Parking at main apron Bay 1 and Bay 2 - Power in and power out mode.
- 3.6 Helipad - not available. Pilot to follow ATC instructions for parking. Pilot discretion required to park at unpaved area.

4 Removal of Aircraft.

- 4.1 Removal of a crash/disable aircraft is the responsibility of the airport authority and the aircraft owner or operator. In the case of a reportable accident, the permission of the DCA Chief Inspector of Accidents is required prior to the removal.

WMKM AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

WMKM AD 2.22 FLIGHT PROCEDURES

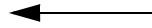
1 PROCEDURES FOR VFR FLIGHTS WITHIN MALACCA CONTROL ZONE

- 1.1 All VFR flights shall be conducted in accordance with the visual flight rules and obtain ATC clearance.
- 1.2 Two way radio communication shall be established and maintained on the appropriate frequency.
- 1.3 All aircraft operating over the coastline must not fly less than 1000FT over a stretch from Terendak Camp until Petronas oil refinery plant in Sungei Udang and to avoid flying directly overhead these two areas.

WMKM AD 2.23 ADDITIONAL INFORMATION

- 1 Due to only one main taxiway accessible to the runway from the main apron and vice versa, departing aircraft may be required to either hold at main/G.A. Apron to facilitate landing aircraft taxiing in.
- 2 Pilots to exercise caution:
 - a. Bird concentration in vicinity of airport
 - b. Kite flying within 5KM radius of airport.
- 3 All jet engine aircraft including Hercules C-130 taxiing out from the main apron shall taxi on minimum power until they are established on taxiway A.
- 4 Remote Apron (Holding Area) usable only during daylight hours.
5. **List Of Way-points**
 - 5.1 The following list contains the way-points related to SID, RNAV STAR and IAP procedures at Malacca Airport.

NO	ID	RADIAL/DME (NM) FM VMK DVOR/DME	LATITUDE(N)	LONGITUDE (E)	REMARKS
1	ATVOS	244 / 12.2	N 02 10 06	E 102 03 45	
2	BEKOB	209 / 15.1	N 02 02 14	E 102 07 19	
3	ESMAT	209 / 10.1	N 02 06 35	E 102 09 49	
4	AKBAL	175 / 12.4	N 02 03 04	E 102 15 52	
5	XILMO	209 / 5.1	N 02 10 57	E 102 12 18	
6	ORUVI	206 / 14.0	N 02 02 51	E 102 08 35	
7	AGIPO	118 / 14.0	N 02 08 52	E 102 27 05	
8	OKISA	031 / 8.2	N 02 22 33	E 102 18 58	
9	BELPO	337 / 13.1	N 02 27 36	E 102 09 38	
10	AKIDA	081 / 11.5	N 02 17 18	E 102 26 08	
11	AVNAM	130 / 11.4	N 02 08 03	E 102 23 29	
12	OLTAL	319 / 6.8	N 02 20 39	E 102 10 16	
13	BORPA	002 / 15.0	N 02 30 33	E 102 15 09	
14	ATKOP	029 / 13.3	N 02 27 13	E 102 21 10	



NO	ID	RADIAL/DME (NM) FM VMK DVOR/DME	LATITUDE(N)	LONGITUDE (E)	REMARKS
15	ENBER	029 / 8.3	N 02 22 47	E 102 18 48	
16	DALKO	265 / 10.6	N 02 14 39	E 102 04 12	
17	OMGID	209 / 7.4	N 02 08 59	E 102 11 10	
18	AKAVA	162 / 12.2	N 02 03 52	E 102 18 35	
19	BOKIP	323 / 11.7	N 02 24 53	E 102 07 48	