

WMKJ AD 2.1 AERODROME LOCATION INDICATOR AND NAME

WMKJ - JOHOR BAHRU/SENAI INTERNATIONAL

WMKJ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	LAT 013826N LONG 1034013E infront of AFRS station.
2	Direction and distance from city	Bearing 332° 54' 38" / 22.95 KM from Johor Bahru (Causeway)
3	Elevation / Reference temperature	127 FT (39 M) / 31.6° C
4	Geoid Undulation (ARP)	+7.880M
5	MAG VAR / Annual change	11 min 00 sec East (2012)
6	AD Administration, address, telephone, telefax, telex, AFS	<p>Operator : Senai Airport Terminal Services Sdn. Bhd. Senai International Airport 81250 Johor Bahru Johor Darul Takzim. Tel : +607 - 5994500 Fax : +607 - 5996624 E-mail: adadmin@senaiairport.com</p> <p>ATC Services : Department of Civil Aviation Malaysia Senai International Airport 81250 Johor Bahru Johor Darul Takzim. Tel : +607 - 5994789 / 5994788 Fax : +607 - 5994280 Tel : +607 - 5982802 (Control Tower) Fax : +607 - 5982801 AFTN: WMKJZTZ E-mail : dcajohor@dca.gov.my</p>
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	ICAO Certified Aerodrome

WMKJ AD 2.3 OPERATIONAL HOURS

1	AD Administration	2230 - 1600
2	Customs Immigration	2230 - 1600
3	Health and sanitation	Mon - Fri : 0000 - 0900 Sat , Sun and Public Holidays : Closed
4	AIS Briefing Office	2230 - 1600
5	ATS Reporting Office (ARO)	2330 - 0930
6	MET Briefing Office	H24
7	ATS	2230 - 1600
8	Fuelling	Prior arrangement with PETRONAS. Tel: +607 - 5998977 Fax: +607 - 5982911
9	Handling	By prior arrangement with Senai Airport Terminal Services Ground Handling. Tel: +607 - 5994500 ext 1101/1102/1113 Fax: +607 - 59940452 SITA: JHBOCXH / JHBFFXH / JHBLXHX E-mail: cargo1@senaiairport.com
10	Security	H24
11	De-icing	Nil
12	Remarks	Outside operation hrs - Prior Approval required before 0800.

WMKJ AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	By arrangement with Senai Airport Terminal Services. Tel: +607 - 5994500 ext 1101/1102/1113 Fax: +607 - 5990452 SITA: JHBOCXH / JHBFFXH / JHBLLXH E-mail: cargo1@senaiairport.com
2	Fuel / Oil types	Jet A1, AVGAS 100
3	Fuelling facilities / capacity	Trailers - 2 X 45,000 litres. Bowser - 2 X 180,000 litres. Storage Tanks - 900,000 litres. AVGAS - 2,000 litres.
4	De-icing facilities	Nil
5	Hanger space available for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	By arrangement with Malaysia Airlines System.
7	Remarks	Senai Airport Terminal Services Ground Handling Services available H24 by prior arrangement with aerodrome administration.

WMKJ AD 2.5 PASSENGER FACILITIES

1	Hotels	First class hotel near airport.
2	Restaurants	Restaurant in terminal building.
3	Transportation	Taxi and bus service to Johor Bahru / Singapore.
4	Medical facilities	District Hospital - 10 KM fm airport.
5	Bank and Post Offices	ATM, Bureau De Change and Post Office in terminal building.
6	Tourist Office	Nil
7	Remarks	Nil

WMKJ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Required : CAT 8 Available : CAT 8 Trained personnel : 8 per shift.
2	Rescue equipment	Type of vehicle : a) Rapid Intervention Vehicle b) Ultra Large Foam Tender Mk.5 c) Ultra Large Foam Tender Mk.9 d) Ultra Large Foam Tender Mk 10
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

WMKJ AD 2.7 SEASONAL AVAILABILITY - CLEARING

NOT APPLICABLE

RWY / Area effected	Obstacle Type Elevation Markings / LGT	Coordinates
a	b	c
	Twr erected at Sembrong, hgt 650 FT AMSL. Marked and lgt.	020305.7N 1032202.2E
	Twr erected at Kluang, hgt 349 FT AMSL. Marked and lgt.	020158.7N 1031854.0E
	Twr erected at Jalan Mersing, Kluang, hgt 238 FT AMSL. Marked and lgt.	022559.6N 1032003.0E
	Twr erected at Kg. Baru, Kluang, hgt 231 FT AMSL. Marked and lgt.	010339.9N 1032148.0E
	Twr erected at Lot 37173, Mukim Kluang, hgt 178 FT AMSL. Marked and lgt.	015929.7N 1031839.0E
	Twr erected at Kluang Barat, hgt 374 FT AMSL. Marked and lgt.	015929.7N 1031543.0E
	Twr erected at Kg MIC, Kluang, hgt 117 FT AMSL. Marked and lgt.	015931.7N 1031544.0E
	Twr erected at Jln Air Hitam, hgt 196 FT AMSL. Marked and lgt.	015459.7N 1031103.0E
	Twr erected at Batu 6, Yong Peng, hgt 240 FT AMSL. Marked and lgt.	015834.7N 1030634.1E
	Twr erected at Tg. Sembrong, Yong Peng, hgt 350 FT AMSL. Marked and lgt.	020212.7N 1030409.1E
	Twr erected at Seelong, hgt 203 FT AMSL. Marked and lgt.	013729.9N 1034123.8E
	Twr erected at Pasir Gudang, hgt 300 FT. Lgt at night.	012709.8N 1035318.8E
	Several Twrs erected crossing Apch Path / Base RWY 16, highest hgt 362 FT MSL. Lgt at night.	014156.8N 1033920.9E
	Transmission Twr, hgt 298.77 FT (91.1M) AMSL. Marked and lgt.	014058N 1034200E
	Transmission Twr, hgt 276.74 FT (84.4M) AMSL. Marked and lgt.	014054N 1034153E
	Transmission Twr, hgt 301.67 FT (91.9M) AMSL. Marked and lgt.	014046N 1034142E
	Transmission Twr, hgt 271.16 FT (82.6M) AMSL. Marked and lgt.	014041N 1034135E
	Transmission Twr, hgt 271.65 FT (82.8M) AMSL. Marked and lgt.	014035N 1034123E
	Transmission Twr, hgt 274.77 FT (83.7M) AMSL. Marked and lgt.	014031N 1034116E
	Transmission Twr, hgt 260.50 FT (79.4M) AMSL. Marked and lgt.	014026N 1034109E
	Transmission Twr, hgt 289.53 FT (88.2M) AMSL. Marked and lgt.	014022N 1034101E
	Transmission Twr, hgt 283.30 FT (86.3M) AMSL. Marked and lgt.	014017N 1034055E
	Transmission Twr, hgt 340.71 FT (103.8M) AMSL. Marked and lgt.	014021N 1034051E
	Transmission Twr, hgt 352.19 FT (107.3M) AMSL. Marked and lgt.	014026N 1034046E
	Transmission Twr, hgt 370.57 FT (112.9M) AMSL. Marked and lgt.	014031N 1034041E
	Transmission Twr, hgt 370.24 FT (112.9M) AMSL. Marked and lgt.	014040N 1034031E
	Transmission Twr, hgt 338.25 FT (103.1M) AMSL. Marked and lgt.	014049N 1034023E
	Transmission Twr, hgt 325.29 FT (99.1M) AMSL. Marked and lgt.	014056N 1034017E
	Transmission Twr, hgt 302.33 FT (91.6M) AMSL. Marked and lgt.	014100N 1034012E
	Transmission Twr, hgt 283.63 FT (85.9M) AMSL. Marked and lgt.	014108N 1034005E
	Transmission Twr, hgt 301.34 FT (91.3M) AMSL. Marked and lgt.	014114N 1034000E
	Transmission Twr, hgt 305.94 FT (92.7M) AMSL. Marked and lgt.	014119N 1033955E
	Transmission Twr, hgt 276.74 FT (83.9M) AMSL. Marked and lgt.	014128N 1033947E
	Transmission Twr, hgt 302.33 FT (91.6M) AMSL. Marked and lgt.	014133N 1033943E
	Transmission Twr, hgt 260.66 FT (78.9M) AMSL. Marked and lgt.	014139N 1033937E
	Transmission Twr, hgt 274.11 FT (83.1M) AMSL. Marked and lgt.	014147N 1033930E
	Transmission Twr, hgt 322.50 FT (97.7M) AMSL. Marked and lgt.	014156N 1033921E
	Transmission Twr, hgt 303.31 FT (91.1M) AMSL. Marked and lgt.	014201N 1033915E
	Transmission Twr, hgt 325.95 FT (98.7M) AMSL. Marked and lgt.	014204N 1033908E
	Transmission Twr, hgt 327.59 FT (99.2M) AMSL. Marked and lgt.	014156N 1033902E
	Transmission Twr, hgt 323.82 FT (98.1M) AMSL. Marked and lgt.	014156N 1033853E
	Transmission Twr, hgt 331.68 FT (100.5M) AMSL. Marked and lgt.	014153N 1033842E
	Transmission Twr, hgt 322.35 FT (97.6M) AMSL. Marked and lgt.	014100N 1033831E
	Transmission Twr, hgt 301.50 FT (91.3M) AMSL. Marked and lgt.	014207N 1033820E
	Transmission Twr, hgt 290.30 FT (87.9M) AMSL. Marked and lgt.	014214N 1033809E
	Transmission Twr, hgt 322.93 FT (97.8M) AMSL. Marked and lgt.	014219N 1033802E
	Transmission Twr, hgt 289.52 FT (87.7M) AMSL. Marked and lgt.	014221N 1033754E

WMKJ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	JOHOR BAHRU / Senai International Airport
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 / consultation 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	Johor Bahru Control Tower
10	Additional information	Tel : +607 - 5994739 Fax: +607 - 5994521

WMKJ AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designation RWY NR	TRUE and MAG BRG	Dimension 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
16	159	3800 x 45	PCN 70 F/C/X/T	013919.81N 1033950.31E	41.036M
34	339	3800 x 45	PCN 70 F/C/X/T	013723.65N 1034032.61E	37.107M

Slope of SWY - RWY	SWY Dimensions (M)	CWY Dimensions (M)	Strips Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.12 %	Nil	Nil	3920 x 300	Provided	Locked wheel turn is not allowed on the RWY.
0.12 %	Nil	Nil	3920 x 300	Provided	RESA : RWY 16 - 240M X 90M RWY 34 - 240M X 90M RWY width: 45M with 15M shoulders on either side.

WMKJ AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

WMKJ AD 2.22 FLIGHT PROCEDURES**1. DME Arrival Procedures For Johore Bahru / Senai International Airport.**

RADIAL/TRACK	NAVAID	DME CHECK POINT	MNM IFR ALTITUDE	AFTER Passing DME/VJR DESCEND to FT on QNH	REMARKS
R-270 (WHISKEY 534)	VJR	Not Required	5000FT	14 ↓ 3500	From overhead VJR VOR make Standard Instrument Approach or as directed by ATC. Note: Level restriction to cross 20DME VJR North 6000FT or below for arrivals on W523, A457 and R325.
R-294 (ALFA 457)	VJR	Not Required	5000FT	8 ↓ 3500	
R-201 (ALFA 224)	VJR	Not Required	6000FT	20 8 ↓ ↓ 5000 3500	
R-318 (ROMEO 325)	VJR	Not Required	6000FT	20 8 ↓ ↓ 5000 3500	

WMKJ AD 2.23 ADDITIONAL INFORMATION**1. Bird Concentration In The Vicinity Of The Airport**

1.1 Presence of birds on runway and grass area. Pilots to exercise caution while landing and take-off.

2. List Of Way-points

2.1 The following list contains the way-points related to SID, RNAV STAR and IAP procedures at Senai International Airport.

NO	ID	REFERENCE FM VKN DVOR/DME	LATITUDE(N)	LONGITUDE (E)	REMARKS
1	MOSLI	RDL318/20D	015845.3N	1032359.9E	
2	SEDNA	RDL294/20D	015152.4N	1031900.6E	
3	SADAR	RDL270/14D	014355.6N	1032319.2E	
4	GUBRI	RDL317/9D	015011.1N	1033123.3E	
5	KALBU	RDL344/11D	015414.3N	1033424.7E	
6	SUSRI	RDL090/6D	014347.5N	1034247.5E	

NO	ID	REFERENCE FM VKN DVOR/DME	LATITUDE(N)	LONGITUDE (E)	REMARKS
7	OSTOG	RDL123/14D	013607.7N	1034901.4E	
8	MATPO	RDL013/9.5D	015305.8N	1033921.1E	
9	IGBAL	RDL021/20D	020235.0N	1034423.1E	
10	APIDU	RDL043/10D	015058.3N	1034352.8E	
11	LEGOG	RDL251/16D	013846.3N	1032221.0E	
12	GUGUN	RDL123/10D	013819.1N	1034540.4E	
13	BIDRO	RDL025/1.1D	014448.0N	1033750.8E	FAP/FAF
14	PEGRA	RDL352/3.8D	014738.0N	1033649.0E	IF
15	THR 16	RDL150/5.1D	013919.8N	1033950.3E	DER 34
16	THR 34	RDL153/7.1D	013723.6N	1034032.6E	DER 16

WMKJ AD 2.24 CHARTS RELATED TO JOHOR BAHRU SENAI AIRPORT

Chart Name	Page
AERODROME / HELIPORT CHART - ICAO	WMKJ AD 2 - 23
RUNWAY/TAXIWAY MARKING CHART	WMKJ AD 2 - 23.1
AERODROME GROUND LIGHTING CHART	WMKJ AD 2 - 23.2
PARKING APRONS AND AIRCRAFT STAND NUMBERS	WMKJ AD 2 - 25
AERODROME OBSTACLE CHART - ICAO - TYPE A	WMKJ AD 2 - 31
JOHOR CONTROL ZONE	WMKJ AD 2 - 47
JOHOR TMA AND HOLDING AREAS	WMKJ AD 2 - 47.1
JOHOR BAHRU ATC SURVEILLANCE MINIMUM ALTITUDE (SMA)	WMKJ AD 2 - 49
STANDARD DEPARTURE CHART INSTRUMENT (SID) - ICAO - RWY 16 DAMAL 1E, TOPOR 1E, KASRI 1E, JOHOR 1E, MERSING 1E, KONG KONG 1E	WMKJ AD 2 - 51
STANDARD DEPARTURE CHART INSTRUMENT (SID) - ICAO - RWY 34 JOHOR 1F, KONG KONG 1F	WMKJ AD 2 - 52
STANDARD DEPARTURE CHART INSTRUMENT (SID) - ICAO - RWY 16/34	WMKJ AD 2 - 53
STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO - RWY 16 RNAV (VOR/DME) DAMAL 1C, KASRI 1C, TOPOR 1C, MERSING 1C, KONG KONG 1C, PIMOK 1C	WMKJ AD 2 - 60
STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO - RWY 16 DAMAL 1A, KASRI 1A, TOPOR 1A, MERSING 1A, KONG KONG 1A, PIMOK 1A	WMKJ AD 2 - 61
STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO - RWY 34 RNAV (VOR/DME) DAMAL 1D, KASRI 1D, TOPOR 1D, MERSING 1D, KONG KONG 1D, PIMOK 1D	WMKJ AD 2 - 62
STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO - RWY 34 DAMAL 1B, KASRI 1B, TOPOR 1B, MERSING 1B, KONG KONG 1B, PIMOK 1B	WMKJ AD 2 - 63
INSTRUMENT APPROACH CHART - ICAO - RWY 16 ILS z/LLZ (FROM STAR)	WMKJ AD 2 - 80
INSTRUMENT APPROACH CHART - ICAO - RWY 16 ILS y/LLZ (FROM OVERHEAD VJR/VOR)	WMKJ AD 2 - 81
INSTRUMENT APPROACH CHART - ICAO - RWY 16 VOR (CAT A/B/C/D)	WMKJ AD 2 - 82
INSTRUMENT APPROACH CHART - ICAO - RWY 16 NDB/DME	WMKJ AD 2 - 83
INSTRUMENT APPROACH CHART - ICAO - RWY 34 VOR (FROM RADAR VECTOR)	WMKJ AD 2 - 84