

WMKC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

WMKC - KOTA BHARU/SULTAN ISMAIL PETRA

WMKC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	LAT 060958N LONG 1021733E
2	Direction and distance from city	Brg 059°, dist 8 KM.
3	Elevation / Reference temperature	16 FT (4.9 M) / 26.3° C
4	Geoid Undulation (ARP)	-06.221 M
5	MAG VAR / Annual change	10 min 00 sec West (2012)
6	AD Administration, address, telephone telefax, telex, AFS	<p>Operator : Malaysia Airports Sdn. Bhd. Sultan Ismail Petra Airport Pengkalan Chepa 16100 Kota Bharu Kelantan Darul Naim. Tel : 09 - 7737400 / 7737402 / 7737403 Fax : 09 - 7732852 / 7732325</p> <p>ATC Services : Department of Civil Aviation Malaysia Sultan Ismail Petra Airport Pengkalan Chepa 16100 Kota Bharu Kelantan Darul Naim. Tel : 09 - 7734197/7739026 Fax : 09 - 7730046</p>
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil

WMKC AD 2.3 OPERATIONAL HOURS

1	AD Administration	2200 - 1530 UTC Daily
2	Customs and immigration	Customs : 2200 - 1530
3	Health and sanitation	Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office (ARO)	2200 - 1530
6	MET Briefing Office	H24
7	ATS	2200 - 1530
8	Fuelling	Not avbl
9	Handling	Prior Arrangement
10	Security	H24
11	De-icing	Nil
12	Remarks	CTR and AD closed to all training flights every Fri btn 0430 - 0600.

WMKC AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	By Airline (MAS & Air Asia)
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

WMKC AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in town.
2	Restaurants	Restaurant in Terminal Building.
3	Transportation	Bus / coach, limousine and taxi services.
4	Medical facilities	Health Clinic Pengkalan Chepa - 2 KM. Raja Perempuan Zainab II Hospital, Kota Bharu - 8 KM. U.S.M. Hospital, Kubang Krian - 8 KM.
5	Bank and Post Office	Bank - ATM in Terminal Building & Kota Bharu town - 8 KM from airport. Post Office - Pengkalan Chepa - 2 KM & Kota Bharu town - 8 KM from airport.
6	Tourist Office	Kota Bharu town - 8 KM from airport.
7	Remarks	Nil

WMKC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Available : CAT VI Trained personnel : Minimum 6 per shift.
2	Rescue equipment	Type of vehicle : a) Multi Purpose Tender b) Ultra Large Foam Tender IX c) Mini Rapid Intervention Vehicle.
3	Capability for removal of disabled aircraft	By arrangement (Airline - MAS & Air Asia)
4	Remarks	Nil

WMKC AD 2.7 SEASONAL AVAILABILITY - CLEARING

NOT APPLICABLE

WMKC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Concrete Rigid Bay 1, 2, 3, 4, 5 Strength : Bay 1 - PCN 105 R /A/W/T Bay 2 - PCN 115 R/A/W/T Bay 3 - PCN 120 R/A/W/T Bay 4 - PCN 85 R/A/W/T Bay 5 - PCN 98 R/A/W/T
2	Taxiway width, surface and strength	Width : 18 M Surface : Asphalt Flexible Strength : TWY Alpha - PCN 51 F/A/W/T
3	ACL location and elevation	Location : Terminal Apron Elevation : 16 FT
4	VOR / INS checkpoint	VOR : Nil INS : Bay 1 - 061012.15N 1021738.53E Bay 2 - 061011.10N 1021728.35E Bay 3 - 061011.99N 1021739.60E
5	Remarks	Line of sight from Control Tower to all parking aprons and partial of TWY 'B' are obstructed by Terminal Building.

WMKC 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	RWY - White / TWY - Yellow
2	RWY and TWY markings and LGT	Nil
3	Stop bars	Nil
4	Remarks	Nil

WMKC AD 2.10 AERODROME OBSTACLES

RWY/ Area effected	Obstacle Type Elevation Markings / LGT	Coordinates
a	b	c
	Bcn (KB) Mast, hgt 176 FT (53 M) AGL, 2 NM on extended centreline Rwy 28. Lgtd.	061028.5N 1021512.4E
	Telecom Aerial Mast, hgt 416 FT AMSL. Painted and lgtd.	060743.6N 1021414.5E
	Aerial Mast at Kg. Patek, hgt 424 FT AMSL. Painted and lgtd at night.	060120.6N 1021740.4E
	Aerial Mast, brg 230", dist 1050m ARP, hgt 146FT. Marked and lgtd.	-
	Aerial Mast at Pengkalan Kubor, hgt 180FT, Painted and lighted at night.	061325.5N 1020622.5E
	Aerial Mast at Kubang Kerian, hgt 200FT, Painted and lighted at night.	060613.6N 1021620.4E
	Aerial Mast at Bukit Jawa, hgt 250FT, Painted and lighted at night.	055421.6N 1021957.4E
	Aerial Mast at Gunung Bachok, hgt 216 FT, Painted and lighted at night.	060047.6N 1022226.4E
	Aerial Mast at Kg. Pauh, hgt 216 FT, Painted and lighted at night.	060705.6N 1021736.4E
	Aerial Mast at Wakaf Bahru, hgt 223 FT, Painted and lighted at night.	060733.6N 1021238.5E
	Aerial Mast at PCB, hgt 134 FT, Painted and lighted at night.	061131.5N 1021632.4E

WMKC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	KOTA BHARU / Sultan Ismail Petra Airport
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	KL International Airport, Sepang 0012, 0618, 1224 & 1806
4	Type of landing forecast Interval of issuance	METAR, through Control Twr 122.5 MHZ Validity 1 hour
5	Briefing consultataion provided	Nil
6	Flight documentation Language(s) used	CR, TB English
7	Charts and other information available for breifing or consultation	Nil
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	Kota Bharu Twr Tel : 09 - 7734198
10	Additional information	Tel : 09 - 7737490

WMKC 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
10	Nil	1981 x 45	PCN 51/F/A/W/T Tarmac	061005.72N 1021705.52E	15 FT (4.61 M)
28	Nil	1981 x 45	PCN 51/F/A/W/T Tarmac	060954.53N 1021811.28E	14 FT (4.40 M)

Slope of SWY - RWY	SWY Dimensions (M)	CWY Dimensions (M)	Strips Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
Nil	61	Nil	2314 x 300	Nil	Turning Pan RWY 10 & RWY 28 closed. Marked.
Nil	152	Nil	2314 x 300	Nil	

WMKC AD 2.13 DECLARED DISTANCES

RWY	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
10	1981	1981	2042	1981	Nil
28	1981	1981	2133	1981	Nil

WMKC 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
10	Precision Approach Cat 1 Lighting System High intensity variable	Green	PAPI	Nil	Nil	Variable high intensity lgts white/yellow on the last 600m. 6 T/bold and Rwy end lgts (green red type) 10 stopway lgt (red,screened, elevated type) unidirectional at the end stop way.	Red	Red	Nil
28	Simple Approach Single White High Intensity Variable brilliance controline High intensity wing bar	Green	PAPI	Nil	Nil	Variable high intensity lgts white/yellow on the last 600m. 6 T/bold and Rwy end lgts (green red type) 8 stopway lgt (red,screened, elevated type) unidirectional at the end stop way.	Red	Red	Nil

WMKC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	WDI RWY 28 / 10 - 347 M port of THR. Anemometer : 100 M North of Rwy centreline, approx 1/2 of Rwy length marked and lgtd. Elevation : 16 FT (5 M)
3	TWY edge and centre line lighting	TWY Alpha - Edge - Blue / Centreline - Green TWY Bravo - Edge - Blue / Centreline - Green / Yellow
4	Secondary power supply / switch-over time	Avbl / 12 seconds.
5	Remarks	Nil

WMKC AD 2.16 HELICOPTER LANDING AREA

NIL

WMKC AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Kota Bharu CTR. Commencing from 055605N 1021238E clockwise along an arc of 15 NM radius centered from VKB VOR/DME (060949N 1021851E) to 055752N 1022801E thence a straight line to 055605N 1021238E
2	Vertical limits	Gnd / Sea Level - 4500FT
3	Airspace classification	C
4	ATS unit callsign Language(s)	Kota Bharu Approach, Kota Bharu Tower English
5	Transition altitude	11,000FT
6	Remarks	Nil

WMKC AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	ID	Frequency	Hours of operation	Remarks
1	2	3	4	5
SMC	KOTA BHARU GROUND	121.6 MHZ	2200 - 1530	Nil
TWR	KOTA BHARU TOWER	122.5 MHZ		Nil
APP	KOTA BHARU APPROACH	120.85 MHZ (P) 130.3 MHZ (S)		Radar service available from 0000 - 0900 UTC daily except Saturday and Public Holidays. Kota Bharu Tower shall be responsible for the provision of Air Traffic Services outside the above operation hours
ATIS	KOTA BHARU ATIS	128.85 MHZ		Nil

WMKC 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	KB	240KHZ	H24	0610.5N 10215.3E	-	100° MAG / 2 NM to RWY 10. On extended centreline RWY 28. 500KW.
DVOR/DME	VKB	112.3MHZ CH 70X		060948.3N 1021851.1E	-	-
ILS/LLZ	IKB	109.3MHZ		060953.4N 1021818.6E	-	Localizer Course Bearing: 279° 37' 20" T/ 279° 49' 55"M
GP/DME		332.0MHZ CH 30X		061000.3N 1021744.4E	-	

WMKC AD 2.20 LOCAL TRAFFIC REGULATIONS

NIL

WMKC AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

WMKC AD 2.22 FLIGHT PROCEDURES

1. DME Arrival Procedures For Kota Bharu / Sultan Ismail Petra Airport

RADIAL/TRACK	NAVAID	DME CHECK POINT	MNM IFR ALTITUDE	AFTER Passing DME/VKB DESCEND to FT on QNH			REMARKS
RDL 190 (GOLF 466)	VKB	Not Required	11000 FT	33 ↓ 9000	20 ↓ 5000	12 ↓ 2500	make Standard Instrument Approach from VKB VOR or from 10 DME arc or as directed by ATC
RDL 158 (W540)	VKB	Not Required	8000 FT		20 ↓ 5000	12 ↓ 2500	

WMKC AD 2.23 ADDITIONAL INFORMATION

1. Kite Flying In The Vicinity Of The Airport

- 1.1 Kite flying around the airfield. Pilots to exercise extreme caution especially at base leg, downwind and finals.