

WBKK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

WBKK - KOTA KINABALU INTERNATIONAL

WBKK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	LAT 055641N LONG 116031E Site: Northern edge of apron Terminal 2., approximately 2127m north of Tower.
2	Direction and distance from city	7 KM (3.7 NM) brg 170° fm General Post Office.
3	Elevation / Reference temperature	10 FT (3.05 M) / 30.7° C
4	Geoid Undulation (ARP)	+48.200 M
5	MAG VAR / Annual change	06 min 00 sec East (2012)
6	AD Administration, address, telephone, telefax, telex, AFS	Operator : Malaysia Airports Sdn. Bhd. Kota Kinabalu International Airport 88740 Kota Kinabalu Sabah. Tel : 088 - 325555 Fax : 088 - 219081 / 088 - 325511 ATC Services : Department of Civil Aviation Malaysia Bangunan ATCC Jalan Kepayan 88618 Kota Kinabalu Sabah. Tel : 088 - 224911 Fax : 088 - 219198 Fax: 088 - 413346 (AIS)
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil

WBKK AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	H24
3	Health and sanitation	Mon - Fri : 0000 - 0815 Sat : 0000 - 0445
4	AIS Briefing Office	H24
5	ATS Reporting Office (ARO)	H24
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	PETRONAS Refuelling : 2100 - 1300 SHELL Refuelling : 2100 - 1230
9	Handling	Prior arrangement.
10	Security	H24
11	De-icing	Nil
12	Remarks	Nil

WBKK AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	By arrangement with Malaysia Airlines and Transmile Air.
2	Fuel / Oil types	Fuel : JET A1
3	Fuelling facilities / capacity	Refuelling by bowser. (Refuelling by bowser and served by 6 bowzers each 4000 IG and 2 trailers each 6000 IG.
4	De-icing facilities	Nil
5	Hanger space available for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	By prior arrangement through agents.
7	Remarks	Nil

WBKK AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in town.
2	Restaurants	Level 2 and 3 of the terminal building.
3	Transportation	Taxi services.
4	Medical facilities	Airport clinic - emergency service and minor curative treatment avbl. General Hospital fully equipped, 5 KM fm airport.
5	Bank and Post Offices	Teller Machines and Post Office avbl.
6	Tourist Office	Nil
7	Remarks	Nil

WBKK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Required : CAT 9 Available : CAT 9
2	Rescue equipment	Type of Vehicle : a) Ultra Large Foam Tender I b) Ultra Large Foam Tender II c) Ultra Large Foam Tender III d) Ultra Large Foam Tender IV Each vehicle carry: Water: 12000 litres AFFF: 1500 litres DP: 250 Kg
3	Capability for removal of disabled aircraft	a) Pneumatic air bags aircraft recovery kit up to A320. b) To outsource local Heavy Duty Crane when necessary (alternative) c) 24T WLL Spreader Bar with Balancing Pulley.
4	Remarks	Actual Fire Agent available: a) Water - 36000 litres b) DP - 750 Kg.

WBKK AD 2.7 SEASONAL AVAILABILITY - CLEARING**NOT APPLICABLE**

WBKK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Concrete/Asphalt Apron 1 - 6 : Surface : Rigid/Flexible Strength : PCN59/F/B/X/U Apron 7 - 8 : Surface : Rigid Strength : PCN70/R/B/X/T Apron 9 - 12 : Surface : Flexible Strength : PCN59/F/B/X/U
2	Taxiway width, surface and strength	Width : 23 M plus 4 M hard shoulder on either side Surface : Asphalt Strength : PCN 59/F/B/X/U
3	ACL location and elevation	Location : At the apron Elevation : 10 FT (3.05 M)
4	VOR / INS checkpoint	VOR : Nil INS : TWY, Bay 1 - 5
5	Remarks	Nil

WBKK 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	Visual Guidance Docking System.
2	RWY and TWY markings and LGT	Day Marking : Displace THR RWY Centreline, RWY Designation Numbers, RWY Touchdown Zone, Taxi Holding Position and TWY Centreline and Lighted.
3	Stop bars	Visual marking and lighted red.
4	Remarks	Nil

WBKK AD 2.10 AERODROME OBSTACLES

RWY / Area effected	Obstacles Type Elevation Markings / LGT	Coordinates
a	b	c
	Radar Antenna Mast erected on top of Kepayan Ridge, 490 FT AMSL. Painted red and white and lgtd at night.	055638.7N 1160352.3E
	Aerial Mast, dist 1553 M, brg 062° fm Thr Rwy 20, hgt 480 FT MSL. Painted red and white and not lgtd.	055712.7N 1160402.3E
	Transmission Line Twr, hgt 84 FT (25.6 M) AGL erected on top Kepayan Ridge, elevation 266.7 FT (81.3 M) AMSL. Not painted or lgtd.	055706.7N 1160351.3E
	Elevated Water Tank, hgt 320FT (97.5 M) AMSL. Painted red and white and not lgtd.	055830.7N 1160434.3E
	Radio Transmission Twr, hgt 400 FT at LAWA MANDAU STM stations at Telipok (site elevation 2739 FT (835 M) AMSL). Lgtd.	060147.7N 1161233.3E
	Hills, dist 18 KM, brg 176° fm Thr Rwy 02, hgt 2000 FT.	-
	Hills, dist 19 KM, brg 180° fm Thr Rwy 02, hgt 1640 FT.	-
	Hills, dist 19 KM, brg 182° fm Thr Rwy 02, hgt 970 FT.	-
	Hills, dist 18 KM, brg 186° fm Thr Rwy 02, hgt 980FT.	-
	Hills, dist 2 KM, brg 195° fm Thr Rwy 02, hgt 170 FT.	-
	Low range of hills, east of the airfield running North-south. Highest point 356FT AMSL	-
	Aerial Mast situated on ridge east of aerodromes.	-
	Radar Antenna on top of Kepayan Ridge, hgt 359 FT AMSL. Painted red and white and lgtd.	055638.7N 1160352.3E

RWY / Area effected	Obstacles Type Elevation Markings / LGT	Coordinates
a	b	c
	Radar Antenna Mast erected on top of Kepayan Ridge, 490 FT AMSL. Painted red and white and lgt'd at night.	055638.7N 1160352.3E
	Building erected, hgt 70ft (18.43M AMSL) lgt'd at night	055719N 1160323E

WBKK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	KOTA KINABALU
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Kota Kinabalu Meteorological Office 24
4	Type of landing forecast Interval of issuance	TREND Half hourly
5	Briefing / consultation provided	Provided
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	Flight Level Wind/Temp FL50, FL100, FL140, FL180, FL250, FL320, and FL360, SIGWX, Volcanic Ash/Tropical Cyclone Advisory, SIGMET, AIRMET, Aerodrome Warning, METAR Bulletin, TAFOR Bulletin, Radar and Satellite Pictures.
8	Supplementary equipment available for providing information	Self-Briefing Terminals (Internet)
9	ATS units provided with information	Kota Kinabalu ACC, Kota Kinabalu Control Tower, Sandakan Control Tower, Tawau Control Tower, Lahat Datu Control Tower and Labuan Control Tower.
10	Additional information	Tel : +6088 - 413690, 413691 Fax : +6088 - 413692, 413696

WBKK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designation RWY NR	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
02	023° T	2987 x 46	PCN 59/F/B/X/U Asphalt	lat 055543.78N Long 1160251.57E	3.05 M
20	203° T	2987 x 46	PCN 59/F/B/X/U Asphalt	lat 055658.79N long 1160323.21E	3.05 M

Slope of RWY - SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strips Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
1 : 50	nil	242 x 92	300 x 3107	Nil	RESA-242M
1 : 50	nil	57 x 92	300 x 3107	Nil	RESA-nil

WBKK AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
02	2987	3229	2987	2499	RESA-242M
20	2987	3044	2987	2927	RESA-nil

WBKK 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
02	Precision Approach Cat 1	Green	PAPI Slope 3°	Nil	White/Red	White/ Yellow	Red	Nil	Nil
20	Simple Approach Light White	Green	PAPI Slope 3°	Nil	White/Red	White/ Yellow	Red	Nil	Nil

WBKK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	Flashing Green and White AD Bcn at coordinates 0555.6N 11602.9E.
2	LDI location and LGT Anemometer location and LGT	RWY 20 - 445 M (1460 FT) fm THR and 130 M (425 FT) fm LCL. RWY 02 - 436 M (1430 FT) fm THR and 130 M (425 FT) fm LCL.
3	TWY edge and centre line lighting	TWY Edge Lights - Blue TWY Centreline Lights - Green
4	Secondary power supply / switch-over time	Automatic standby generator avbl for airfield lighting, Control Tower, its equipment and terminal building.
5	Remarks	Nil

WBKK AD 2.16 HELICOPTER LANDING AREA

NIL

WBKK AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Kota Kinabalu CTR Area within a circle of 20 NM radius centred on Kinabalu DVOR/DME site 055358.8N 1160147.8E.
2	Vertical limits	Gnd level to 3000 FT.
3	Airspace classification	C
4	ATS unit callsign Language(s)	Kinabalu Tower English
5	Transition altitude	11000 FT
6	Remarks	Nil

WBKK AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	ID	Frequency	Hours of operation	Remarks
1	2	3	4	5
SMC	KINABALU GROUND	121.6 MHZ	H24	-
TWR	KINABALU TOWER	118.3 MHZ		-
APP	KINABALU APPROACH/ DIRECTOR	119.1 MHZ		Unless otherwise specified by ATC, all IFR departures to contact "Kinabalu Director" as soon as practicable after airborne.
ACC	KINABALU CONTROL/ RADAR	126.1 MHZ 128.3 MHZ		Area of responsibility TMA and Airways
FIC	KINABALU INFORMATION	133.3 MHZ	HJ	-
A/G	KINABALU RADIO	6825 KHZ		-
ATIS	KINABALU TERMINAL INFORMATION	127.4 MHZ	H24	-

WBKK 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
ILS/LLZ	IKKS	110.3 MHZ	H24	055546.8N 1160223.8E	-	Alignment 022° / 202° Antenna Elevation: 6.1M
GP/DME		335 MHZ CH 40X		055658.8N 1160247.8E	-	G/P - 3° DME located at G/P Antenna Elevation: 21.2M
L	JSL	400 KHZ		055358.8N 1160141.8E	-	100W.
DVOR/DME	VJN	113.1 MHZ CH 78X		055358.8N 1160147.8E	-	Antenna Elevation: 21.1M

WBKK AD 2.20 LOCAL TRAFFIC REGULATIONS**1. Local Flying Restrictions**

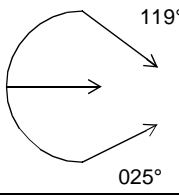
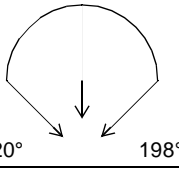
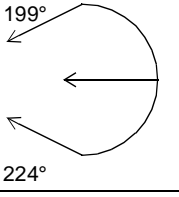
- a) Right hand circuit Runway 20.
- b) Left hand circuit Runway 02.
- c) Pilots approaching to land on Runway 20 or departing from Runway 02 must not fly over the built up area of Kota Kinabalu town.

WBKK AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

WBKK AD 2.22 FLIGHT PROCEDURES

1 DME Arrival Procedures For Kota Kinabalu International Airport.

MAGNETIC TRACK OR SECTOR	NAVAID	DME CHECK POINT	MNM IFR EN-ROUTE ALTITUDE	AFTER Passing DME/VJN DESCEND to FT on QNH	REMARKS															
	VJN	Not Required	9500 FT	<table style="border: none; text-align: center;"> <tr> <td>30</td> <td>13</td> <td>6</td> <td>2</td> </tr> <tr> <td>↓</td> <td>↓</td> <td>↓</td> <td>↓</td> </tr> <tr> <td>4500</td> <td>2400</td> <td>1500</td> <td>1200</td> </tr> </table>	30	13	6	2	↓	↓	↓	↓	4500	2400	1500	1200	Missed Approach : Climb 015° to 3300 for VOR/DME Approach or as directed by ATC			
30	13	6	2																	
↓	↓	↓	↓																	
4500	2400	1500	1200																	
	VJN	Not Required	4000 FT	<table style="border: none; text-align: center;"> <tr> <td>30</td> <td>10</td> </tr> <tr> <td>↓</td> <td>↓</td> </tr> <tr> <td>3000</td> <td>1300</td> </tr> </table>	30	10	↓	↓	3000	1300	Missed Approach : Climb 270° to 4000 for VOR/DME Approach or as directed by ATC									
30	10																			
↓	↓																			
3000	1300																			
	VJN	Not Required	9500 FT	<table style="border: none; text-align: center;"> <tr> <td>31</td> <td>24</td> <td>16</td> <td>7</td> </tr> <tr> <td>↓</td> <td>↓</td> <td>↓</td> <td>↓</td> </tr> <tr> <td>8000</td> <td>6500</td> <td>5000</td> <td>4000</td> </tr> </table>	31	24	16	7	↓	↓	↓	↓	8000	6500	5000	4000	Continue to VOR/DME Approach or as directed by ATC			
31	24	16	7																	
↓	↓	↓	↓																	
8000	6500	5000	4000																	
271°	VJN	Not Required	11500 FT	<table style="border: none; text-align: center;"> <tr> <td>33</td> <td>23</td> <td>11</td> <td>9</td> <td>4</td> </tr> <tr> <td>↓</td> <td>↓</td> <td>↓</td> <td>↓</td> <td>↓</td> </tr> <tr> <td>11500</td> <td>8500</td> <td>6000</td> <td>5000</td> <td>4000</td> </tr> </table>	33	23	11	9	4	↓	↓	↓	↓	↓	11500	8500	6000	5000	4000	Make VOR/DME Approach or as directed by ATC
33	23	11	9	4																
↓	↓	↓	↓	↓																
11500	8500	6000	5000	4000																
349°	VJN	Not Required	6500 FT	<table style="border: none; text-align: center;"> <tr> <td>11</td> <td>8</td> <td>5</td> </tr> <tr> <td>↓</td> <td>↓</td> <td>↓</td> </tr> <tr> <td>6000</td> <td>5000</td> <td>3000</td> </tr> </table>	11	8	5	↓	↓	↓	6000	5000	3000	Missed Approach : Climb on 015° to 4000 for VOR/DME Approach or as directed by ATC						
11	8	5																		
↓	↓	↓																		
6000	5000	3000																		

2 Change of Frequency in Departing Aircraft.

- 2.1 Unless otherwise specified by ATC, all IFR departures to contact "Kinabalu Director" on 119.1MHZ as soon as practicable after airborne.

WBKK AD 2.23 ADDITIONAL INFORMATION

1. Released Of Radio Sonde

- 1.1 A white balloon 8 to 10 FT diameter with radio sonde equipped attached will be released at 0555.8 N 11605.0 E to a maximum height 130 000 FT btn 0001 to 0300 and 1200 to 1500 UTC. Rate of ascent 1000 FT per min.

2. Presence Of Birds In The Vicinity Of The Airport

- 2.1 Presence of birds within the vicinity of Airport. Pilots to exercise caution during landing and take-off.

3. Parasailing.

- 3.1 Parasailing activity at the Western side of the Rwy. SL - 500FT. Pilots to exercise caution.