

WBKS AD 2.1 AERODROME LOCATION INDICATOR AND NAME**WBKS - SANDAKAN****WBKS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	LAT 055406N LONG 1180255E
2	Direction and distance from city	14 KM (7.5 NM) brg. 205° from Sandakan Municipal Council Building.
3	Elevation / Reference temperature	46 FT (14 M) / 32.6° C
4	Geoid Undulation (ARP)	+53.798 M
5	MAG VAR / Annual change	03 min 00 sec East (2012)
6	AD Administration, address, telephone, telefax, telex, AFS	<p>Operator: Malaysia Airports Sdn. Bhd. Sandakan Airport 90008 Sandakan Sabah. Tel : 089 - 667786/667782/660405 Fax : 089 - 667778</p> <p>ATC Services: Department of Civil Aviation Malaysia Sandakan Airport P.O. Box 1363 90715 Sandakan Sabah.</p> <p>Administration: Tel : 089 - 667726 (Manager) Fax : 089 - 667766 (General Office) Fax : 089 - 666529 Tower: Tel : 089 - 667703 Fax : 089 - 672959 AFTN: WBKSZTZ</p>
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil

WBKS AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300 - 1400 UTC Daily
2	Customs and immigration	Customs : 2330 - 1400 Immigration : 0100 - 1400
3	Health and sanitation	Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office (ARO)	Nil
6	MET Briefing Office	Nil
7	ATS	2300 - 1400 daily
8	Fuelling	2300 - 1400 daily
9	Handling	Prior arrangement with handling agent.
10	Security	H24
11	De-icing	Nil
12	Remarks	Unscheduled movement PPR from ATCC Kota Kinabalu before 1300UTC.

WBKS AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	By arrangement with Malaysia Airline System.
2	Fuel / Oil types	Fuel : Jet A1 Oil : Nil
3	Fuelling facilities / capacity	PETRONAS and refuelling by bowser.
4	De-icing facilities	Nil
5	Hanger space available for visiting aircraft	Sabah Air Aviation hangar prior arrangement with Sabah Air Aviation Sdn Bhd.
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

WBKS AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in town.
2	Restaurants	Available
3	Transportation	Taxi and car rental services
4	Medical facilities	Hospital in town
5	Bank and Post Offices	Auto Teller Machine (ATM) available in Airport. Post Offices in town.
6	Tourist Office	In Town / In Airport
7	Remarks	Nil

WBKS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Required : CAT VI Available: CAT VI Trained Personnel : 20 (Minimum 6 per shift)
2	Rescue equipment	Type of Vehicle : a) Mini Rapid Intervention Vehicle b) Ultra Large Foam Tender c) Large Foam Tender
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Ops hours : 2300 - 1400 UTC

WBKS AD 2.7 SEASONAL AVAILABILITY - CLEARING

NOT APPLICABLE

WBKS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Concrete Strength : LCN 90 h 75 cm (29 in)
2	Taxiway width, surface and strength	Width : 29 M Surface : Asphalt Strength : Nil
3	ACL location and elevation	Location : Nil Elevation : Nil
4	VOR / INS checkpoint	VOR : Nil INS : Nil
5	Remarks	Nil

WBKS 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 RWY Holding Position. Guide lines at apron. VDGS for Bay 1 and 2. Nose wheel guidance line for all parking bays.
2	RWY and TWY markings and LGT	RWY - Designation, THR, TDZ. Aiming Point, Centreline, RWY edge and Turning Pad - Marked. RWY LGT - High Intensity RWY edge light, green THR light, red RWY end light, green WBAR light and red SWY light. TWY - Centreline and Holding position - Marked. TWY LGT - Centreline and edge.
3	Stop bars	Stop bar at RWY Holding position.
4	Remarks	Stop bar not lighted. Pilot to exercise caution when taxiing to holding position.

WBKS AD 2.10 AERODROME OBSTACLES

RWY / Area effected	Obstacles Type Elevation Markings / LGT	Coordinates
a	b	c
	Aerial Mast, hgt 150 M. painted red and white and lgted.	055814.6N 1180058.4E
	Aerial Mast, dist 298 M fm Thr Rwy 08 and 120 M fm RCL, hgt 17 M. Marked and lgted.	-
	Windsock Aerial Mast, on Mt. Mekarah, 5 NM south of Sandakan Ad, hgt 1140 FT (347 M) MSI. Lgted and painted red and white.	055033.7N 1180542.4E
	Antenna, No. 211, Jalan Kem 22 RAMD, hgt 37 M	0553.409N 11803.608E
	Antenna, No. 155 Jalan Tinusa, hgt 17 M	0553.434N 11804.926E
	Building, 105 Kg. Sg. Kayu, hgt 40 M	0554.386N 11802.821E
	ATC Tower, hgt 26 M	0553.797N 11803.918E
	Antenna at the Airport Rescue and Fire Fighting Services Building, hgt 26 M	0553.820N 11803.529E
	Telecommunication Tower, ATM Sri Kinabatangan Camp, hgt 59 M, lighted	055248N 1180359E
	Telecommunication Tower, 8 Mile, Sandakan, hgt 54.2 M, lighted	055243N 1180140E

WBKS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	SANDAKAN
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	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	Sandakan Control Tower
10	Additional information	Tel : +6089 - 660535 Fax: +6089 - 669479

WBKS 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
08	081	2133 x 45	55 F/B/W/T Flexible asphalt with 150 M of concrete pavement at both rwy ends.	055359.66N 1180300.54E	40FT
26	261	2133 x 45		055410.26N 1180409.00E	20FT

Slope of RWY - SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strips Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.004 %	60	Nil	2373 X 300	Nil	Nil
0.004 %	60	Nil	2373 X 300	Nil	Nil

WBKS AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
08	2133	2133	2193	2133	RESA 90M X 90M
26	2133	2133	2193	2133	RESA 90M X 90M

WBKS 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
08	Precision Approach Cat 1 High Intensity	Green	PAPI Slope 3°	Nil	Nil	White/ Yellow	Red/ Green	Red	Nil
26	Simple Approach High Intensity	Green	PAPI Slope 3°	Nil	Nil	White/ Yellow	Red/ Green	Red	Nil

WBKS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	At Control Tower. 16 flashes per min altn white / green.
2	LDI location and LGT Anemometer location and LGT	LDI not available. Anemometer located at: RWY 08: 100M from centreline, 350M from THR on left, Lighted. RWY 26: 100M from centreline, 350M from THR on left, Lighted.
3	TWY edge and centre line lighting	TWY / Apron Edge: Blue TWY Centreline: Green
4	Secondary power supply / switch-over time	Automatic Standby Generator for TWR. AGL and equipment. Switch-over time: 15 sec
5	Remarks	Wind Direction Indicator located on the left side of TDZ. Runway 08/26 lgted.

WBKS AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	Nil
2	TLOF and/or FATO elevation M/FT	Nil
3	TLOF and FATO area dimension, surface, strength, marking	Nil
4	True and MAG BRG of FATO	Nil
5	Declared distance available	Nil
6	APP and FATO lighting	Nil
7	Remarks	General Helipad located at 62M East of main apron. Dimension rectangular 30M X 30M. Surface - Asphalt. Marked with white letter H

WBKS AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Sandakan CTR A circle of 25 NM radius centered from VSN DVOR/DME (055413.62N 1180429.55E).
2	Vertical limits	Ground / Sea - 7500 FT.
3	Airspace classification	C
4	ATS unit callsign Language(s)	Sandakan Tower English
5	Transition altitude	11 000 FT.
6	Remarks	Transition Level FL130

WBKS AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	ID	Frequency	Hours of operation	Remarks
1	2	3	4	5
SMC	SANDAKAN GROUND	121.9 MHZ	2300 - 1400	-
TWR	SANDAKAN TOWER	122.050 MHZ * 121.5 MHZ		* Emergency frequency
APP	SANDAKAN APPROACH	123.2 MHZ		-
ATIS	SANDAKAN INFORMATION	128.2 MHZ		

WBKS 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	ISKN	109.3 MHZ	H24	055417N 1180410E	-	ILS reference Datum 51 FT. Antenna Elevation: 17.06M
GP/DME	-	332.0 MHZ CH 30X		055408N 1180300E	-	Antenna Elevation: 29.26M
NDB	SN	340 KHZ		055334.8N 1175946.9E	-	260° MAG / 2.7 NM to THR RWY 08. 500W. Antenna Elevation: 50.59M
DVOR/DME	VSN	114.0MHZ CH 87X		055413.62N 1180429.55E	-	Antenna Elevation: 19.88M

WBKS AD 2.20 LOCAL TRAFFIC REGULATIONS

- 1 No back tracking on runway for aircraft type B737 and above. Use turning pan.

WBKS AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

WBKS AD 2.22 FLIGHT PROCEDURES

NIL

WBKS AD 2.23 ADDITIONAL INFORMATION

1. **Bird Concentration In The Vicinity Of The Airport**
 - 1.1 Concentration of birds within the vicinity of the Aerodrome. Pilot to exercise caution during landing and take-off.