

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 lgtd. |

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.