WBGB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

WBGB - BINTULU

WBGB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	LAT 030727N LONG 1130111E Site : Centre of RWY
2	Direction and distance from city	Bearing 207° / 5 KM fm Bintulu Town / 23 KM by road.
3	Elevation / Reference temperature	THR RWY 35 74FT (22.63M)/31.7°C THR RWY 17 34FT (10.47M)/31.7°C
4	Geoid Undulation	+40.866 M
5	MAG VAR / Annual change	30 min 00 sec East (2012)
6	AD Administration, address, telephone, telefax, telex, AFS	Operator: **Malaysia Airports Sdn. Bhd.** Bintulu Airport P.O. Box 2787 97008 Bintulu Sarawak. Tel : 086 - 333844 Fax : 086 - 337011 ATC Services: **Department of Civil Aviation Malaysia** Bintulu Airport P.O. Box 2833 97012 Bintulu Sarawak. Tel : 086 - 332561 (General Office) 086 - 331331 (Tower) Fax : 086 - 330501 (General Office) 086 - 330331(Tower) AFTN: WBGBZTZX
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil.

WBGB AD 2.3 OPERATIONAL HOURS

1	AD Administration	2245 - 1230 UTC Daily.
2	Customs and immigration	Immigration : 0000 - 0900. Sun and Public Holidays : 0030 - 0730 Custom : 0000 - 1200
3	Health and sanitation	Nil
4	AIS Briefing Office	In Control Tower : 2245 - 1230
5	ATS Reporting Office (ARO)	In Control Tower : 2245 - 1230
6	MET Briefing Office	Nil
7	ATS	2245 - 1230
8	Fuelling	PETRONAS : 2200 - 1200 Outside ops 2 hrs PN required. Tel : 086 - 312463
9	Handling	Prior arrangement with agent.
10	Security	H24
11	De-icing	Nil
12	Remarks	Nil

WBGB AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	By arrangement with Malaysia Airlines.
2	Fuel / Oil types	Fuel : Jet A1
3	Fuelling facilities / capacity	PETRONAS : Refuelling by bowsers.
4	De-icing facilities	Nil
5	Hanger space available for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

WBGB AD 2.5 PASSENGER FACILITIES

1	Hotels	In Town.
2	Restaurants	At Airport Terminal.
3	Transportation	Taxi.
4	Medical facilities	Bintulu Hospital at Jalan Nyabau (25 km from airport)
5	Bank and Post Offices	In Town.
6	Tourist Office	Nil
7	Remarks	Nil

WBGB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Required : Available: Trained personnel:	CAT VI CAT VI 20
2	Rescue equipment	Type of vehicles :	a) Mini Rapid Intervention Vehicle b) Ultra Large Foam Tender
3	Capability for removal of disabled aircraft	Tow facilities avbl for B737, F50 and DHC6	
4	Remarks	Upgradable to CAT VIII with 7 days PN to Malaysia Airports Sdn. Bhd.	

WBGB AD 2.7 SEASONAL AVAILABILITY - CLEARING

NOT APPLICABLE

WBGB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Strength :	Concrete PCN 75 / R / C / X / T
2	Taxiway width, surface and strength	Width : Surface : Strength :	23 M Asphalt PCN 79 / F / C / X / T
3	ACL location and elevation	Location : Elevation :	At Apron 19.13 M / 62.76 FT.
4	VOR / INS checkpoint	VOR : INS :	At TWY A and TWY B Holding Point. See AD Chart TWY A - 030712N 1130117E. Brg. 346° 09' 47" Dist. 2.082 NM / 3.856 KM. TWY B - 030728N 1130114E. Brg. 345° 57' 54" Dist. 1.815 NM / 3.361 KM. At aircraft parking stand.
5	Remarks	Nil	

WBGB 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, taxiway centreline markings, holding point markings and apron parking guidelines. MASI - APGS Visual Docking and Guidance System for Bay 1 and 2 Nose wheel guidance for Bays 3, 4 and 5.
2	RWY and TWY markings and LGT	RWY : THR (marked/lighted) TDZ (marked) Aiming Point (marked) Centreline (marked) RWY Edge (marked/lighted) Runway Holding (marked).
3	Stop bars	Nil.
4	Remarks	See AD 2.20 for taxiing to and from stands.

WBGB AD 2.10 AERODROME OBSTACLES

In APCH/TKOF areas			In circling area and at AD		Remarks
	1		2		3
RWY / Area Affected	Obstacles Type Elevation Markings / LGT	Coordinates	Obstacles Type Elevation Markings / LGT	Coordinates	
a	b	c	a	b	
35 APCH 17 TKOF	LLZ Antennas 24.56 M (81 FT) Lighted	03 06 35 N 113 01 22 E	Hill 398 FT AMSL Red obstruction lights	03 06 37 N 113 03 06 E	Nil
	NDB antenna 39 M (128 FT) Lighted	03 06 09 N 113 01 28 E	Hill 436 FT AMSL Red obstruction lights	03 05 24 N 113 00 55 E	
	WDI 29.39 M (96.42 FT) Lighted	03 06 58 N 113 01 14 E			
17 APCH 35 TKOF	Glide Path Aerial 25 M (82 FT) Red/White Lighted	03 08 01 N 113 01 00 E	Hill 253 FT AMSL Red obstruction lights	03 07 40 N 113 02 57 E	Nil
	VOR Antenna 7 M (23 FT) Lighted	03 09 14 N 113 00 48 E	Telecoms Tower 510 FT AMSL Painted and lighted	03 09 34 N 113 02 55 E	
	WDI 17.94 M (58.86 FT) Lighted	03 06 56 N 113 01 23 E	Control Tower 146 FT AMSL Red obstruction lights	03 07 34 N 113 01 23 E	

RWY / Area efected	Obstacles Type Elevation Markings / LGT	Coordinates
a	b	c
Within 10 NM radius of ARP	TV and MCW / Telecom Twrs at Bkt. Nyabau, 6.5 KM NE of airfield, hgt of Twr up to 944 FT (295 M) AMSL. Marked and lgtd.	031312N 1130442E
	Telecom Twr erected at Bintulu, hgt 147 FT (45 M) AMSL. Marked and lgtd.	030713N 1130136E
	Telecom Twr erected at Tanjung Kidurong, hgt 549 FT (167 M) AMSL. Marked and lgtd.	031636N 1130451E
	Telecom Twr erected at Bkt. Bali Bintulu District, hgt 520 FT (158.50 M) AMSL. Marked and lgtd.	031427N 1131631E
	Telecom Twr erected at Bkt. Nyabau, hgt 968 FT (295 M) AMSL Marked & Lgtd.	031310N 1130450E
	TV Broadcast Twr erected at Bkt. Nyabau, hgt 449 FT (137 M) AMSL Marked & Lgtd.	031307N 1130435E
	4 giant chimneys erected at Tanjung Kidurong, 5 NM NE of airfield, hgt 289 FT (88.6 M). Lgtd.	031624N 1130358E
	LNG storage tanks, plants, gas stacks and flares which may shoot up to a hgt of 1000 FT, sited within 3 NM radius of 031614N 1130409E, 6 NM fm Bintulu AD.	031614N 1130409E
	Telecom Twr erected at Bkt. Nyabau, hgt 806 FT AMSL Marked & Lgtd.	031307N 1130436E
	Telecom Twr erected at Tanjung Kidurong, hgt 208 FT (63.50 M) AMSL. Marked & Lgtd.	031636N 1130506E
	Telecom Twr erected at Bkt. Nyabau, hgt 826 FT (251.7 M) AMSL. Marked & Lgtd.	031307N 1130436E
	Telecom Twr erected at Tanjung Kidurong, Lot 802, Blk 20, Kemena Land District, hgt 317 FT (96.48 M).	031636N 1130506E
	Telecom Twr erected at 11th Mile, Lot 173, Blk 27, Kemena Land District, hgt 258 FT (78.72 M) AMSL.	031305N 1130851E
	Telecom Twr erected at Kemena, Bintulu, hgt 269 FT (81.96 M) AMSL. Marked & Lgtd.	030913N 1130549E
	Telecom Twr erected at Bkt. Nyabau, hgt 780 FT (237.74 M) AMSL. Marked & Lgtd.	031301N 1130430E
	Telecom Twr erected at Lot 148, Kemena, hgt 258 FT (78.72 M) AMSL. Marked & Lgtd.	030943N 1130543E
	Telecom Twr erected at Lot 1394, Kemena Land District, hgt 150 FT (47.72 M).	031037N 1130341E
	Telecom Twr erected at Banyang, Bintulu District, hgt 450 FT (137.16 M) AMSL. Marked & Lgtd	030247N 1125540E
	Telecom Twr erected at Kindurong Area, site ID 6313, hgt 233 FT (71 M) AMSL. Marked & Lgtd.	031455N 1130530E
	Telecom Twr erected at Bkt. Nyabau, hgt 850 FT (259 M) AMSL.	031301N 1130430E
	Telecom Twr erected at Tanjung Kidurong, hgt 390 FT (107 M) AMSL.	031633N 1130503E
	Telecom Twr erected at Bkt. Nyabau, hgt 550 FT (167.64 M) AMSL. Marked & Lgtd.	031307N 1130422E
	Telecom Twr erected at Bkt. Setiam, hgt 2104 FT (614.44 M) AMSL. Marked and lgtd.	025810N 1125530E
	Telecom Twr erected at Bkt. Setiam, hgt 1949 FT (594.20 M) AMSL. Marked and lgtd.	025812N 1125533E
	Telecom Twr erected at Bkt. Setiam, hgt 2153 FT (656.2 M) AMSL. Marked and lgtd.	025807N 1125549E
	Telecom Twr erected at Tanjung Kidurong, hgt 350 FT (107 M) AMSL. Marked and lgtd.	031639N 1130502E
	Telecom Twr erected at Tanjung Kidurong, hgt 347 FT (106 M) AMSL. Marked and lgtd.	031705N 1130439E
	Telecom Twr erected at Marine Police Base, Bintulu, hgt 88 FT (26.7 M) AMSL.	031008N 1130200E
	Parkcity Everly Hotel, brg 015, 3.6 NM fm ARP, hgt 164.8 FT (50.25 M). Lgtd at night.	031101N 1130151E
	VHF Radio Mast erected at Bkt. Jepak, hgt 510 FT (155 M) AMSL. Marked and lgtd.	030935N 1130243E

WBGB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	BINTULU
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Kuching 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	Bintulu Control Tower
10	Additional information	Tel .: 086 - 334148 / 332095 Fax: 086 - 334148 / 314386

WBGB 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
17	167 T	2745 x 45	79 / F / C / X / T Asphalt	030810.55N 1130101.50E	THR : 10.5 M (34.45 FT) TDZ : 10.25 M (33.64 FT)
35	347 T	2745 x 45	79 / F / C / X / T Asphalt	030643.27N 1130120.63E	THR : 22.63 M (74 FT)

Slope of RWY - SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strips Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.44 %	Nil	60 x 150	2925 x 300	Provided	Nil
0.44 %	60 x 45	60 x 150	2925 x 300	-	Nil

WBGB AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
17	2745	2805	2745	2745	RESA 90M X 90M
35	2745	2805	2805	2745	RESA 90M X 90M

WBGB 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
17	Barrette Precision Approach Lighting CAT 1	Green	PAPI Slope 3°	Nil	Nil	White	Red/ Green	Nil	Nil
35	Simple Approach Lighting	Green	PAPI Slope 3°	Nil	Nil	White	Red/Nil	Red	Nil

WBGB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	ABN - On Control Tower (Green/White) Flashes 27 times per minute
2	LDI location and LGT Anemometer location and LGT	Not avbl Anemometer : Lighted Wind Direction Indicator (WDI) 17 : 330 M from THR on left. 35 : 330 M from THR on right.
3	TWY edge lighting	TWY Edge - Blue TWY Centreline - Green
4	Secondary power supply / switch-over time	Secondary power supply to all lighting. Switch-over time : 10 - 15 seconds.
5	Remarks	Nil.

WBGB AD 2.16 HELICOPTER LANDING AREA

NIL

WBGB AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Bintulu CTR Radius 25 NM centred on VBU at 030914.3N 1130047.5E
2	Vertical limits	Sea / Gnd level to 7500 FT.
3	Airspace classification	C
4	ATS unit callsign Language(s)	Bintulu Tower English
5	Transition altitude	11 000 FT
6	Remarks	Bintulu Tower provide Aerodrome/Approach Control Services.

WBGB AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	ID	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	BINTULU TOWER	122.3 MHZ (P) 119.25 MHZ (S)	2245 - 1230	P - Primary S - Secondary
SMC	BINTULU GROUND	121.8 MHZ		
ATIS	BINTULU INFORMATION	127.8 MHZ		2230 METAR will be avbl

WBGB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type and aid	ID	Frequency	Hours of operation	Coordinates	DME Elevation	RMK
1	2	3	4	5	6	7
ILS/LLZ	ILU 25 W	108.7 KHZ	H24	030635.3N 1130122.4E	21.66 M (71 FT) Mast Elevation 24.56 M (81 FT)	250 M from THR 35 on extended RWY Centreline
GP/DME	ILU 5 W	330.5 MHZ CH 24 X		030800.6N 1130059.7E	10.255 M (33.65 FT) Mast Elevation 25 M (82 FT)	3°. DME co-located with GP 287 M from THR RWY 17. 120 M from RWY Centreline
NDB	BTU 125 W	368 KHZ		030608.7N 1130128.2E	Mast Elevation 39 M (128 FT)	1.64 KM from THR 35 Brg. 347°
DVOR/DME	VBU 100 W 1000 W	112.6 MHZ CH 73 X		030914.3N 1130047.5E	4.0 M (13 FT) Mast Elevation 7 M (23 FT)	2105 M from THR 17 Brg. 167°

WBGB AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Circuit Patterns

1.1 Circuit patterns are Left hand Circuit for RWY 35 and Right Hand Circuit for RWY 17. Circuit height 1500 FT. Light aircraft and helicopters 1000 FT.

2. Arriving Aircraft

2.1 Arriving aircraft shall enter the main terminal parking apron from the runway via Taxiway A whilst departing aircraft shall use Taxiway B or as directed by ATC.

3. Allocation Of Aircraft Parking Stand

a) All aircraft parking stands are allocated by the surface movement controller.
b) General aviation and private aircraft will be parked at the General Aviation apron and heli Parking Area. Pilots to exercise caution and follow ATC instructions or aircraft operator shall make their own arrangement if marshalling services required.
c) Power In Power Out (PIPO) parking at Bay no.4 for aircraft type A320 or smaller. PIPO parking procedure should be followed accordingly.

4. Departing Aircraft

a) Shall contact Bintulu Ground 121.8 MHz for start-up clearance at least 10 minutes before departure.
b) Shall contain start up, push back and taxi clerance from Bintulu Ground on 121.8 MHz.
c) Shall be pushed out onto the apron centre line with nose facing North-North East or as directed bt ATC.

5. Engine Run Procedures For Aircraft

a) Fitted with Auxiliary Power Unit (APU)

i) Aircraft shall start-up one engine.
ii) Push back shall commence after one engine has started up. Such engine shall be on idle power at push back.
iii) Start-up of other engine shall be made after push back and when the aircraft is in position on the apron taxiway line.

b) Not fitted with Auxiliary Power Unit (APU) or when the APU is unserviceable.

i) Shall be permitted to start all engines before push back, except for wide-body aircraft (Airbus).

6. Procedures For VFR Flights Within Bintulu CTR

a) A flight plan shall be filed for the flight concerned.
b) ATC clearance shall be obtained from Bintulu Tower.
c) Any deviation from ATC clearance requires prior permission.
d) The flight shall be conducted with vertical visual reference to the ground.
e) Two-way radio communication shall be established with Bintulu Tower on 122.30 MHz (P) or 119.25 MHz (S) prior to entering the Bintulu CTR.
f) All VFR flights shall follow the established VFR Routes for entry and exit of the Bintulu CTR, as shown in ENR 3.5-19. Any deviation outside these routes requires prior ATC permission .

WBGB AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

WBGB AD 2.22 FLIGHT PROCEDURES

1. Communication failure procedures as per AIP Malaysia, ENR 1.6 - 3 para 2.1 are to be adopted by the pilot experiencing such exigency.

WBGB AD 2.23 ADDITIONAL INFORMATION

1. LNG - Storage tanks, plants and gas stacks are sited within a radius of 3 NM of 031614N 1130409E, 9 NM North East of Bintulu Airport. Flares may shoot up to a height of 1000 FT. All aircraft to avoid this area.

2. MET Station Coordinates - 030716N 1130118E. Release time of Radio sonde at 2330 and 1130 daily.

3. Presence of birds at vicinity of airport. Pilots to exercise caution during landing and take-off.

4. Back track on the runway is allowed but no lock wheel turn on the runway.