

WBGR AD 2.1 AERODROME LOCATION INDICATOR AND NAME**WBGR - MIRI****WBGR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	LAT 041931N LONG 1135918E
2	Direction and distance from city	Dist 9.5 KM South-East
3	Elevation / Reference temperature	59 FT (18.03 M) / 31.5° C
4	Geoid Undulation	+41.651 M
5	MAG VAR / Annual change	21 min 00 sec East (2012)
6	AD Administration, address, telephone, telefax, telex, AFS	<p>Operator: Malaysia Airports Sdn Bhd Miri Airport, P.O. Box 851 98007 Miri Sarawak. Tel : 085 - 615271 Fax : 085 - 615208</p> <p>ATC Services: Department of Civil Aviation Malaysia Miri Airport 98000 Miri Sarawak. Tel : 085 - 614991 / 614992 / 611500 Fax : 085 - 613860 / 612860</p>
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil.

WBGR AD 2.3 OPERATIONAL HOURS

1	AD Administration	2200 - 1530UTC Daily
2	Customs and immigration	Scheduled flight only.
3	Health and sanitation	Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office (ARO)	2230 - 1500
6	MET Briefing Office	H24
7	ATS	2230 - 1500
8	Fuelling	SHELL : 2200 - 1330 UTC daily. Night service on request 2 PN before 1200. PETRONAS : 2200 - 1200 UTC daily.
9	Handling	Prior arrangement with handling agents.
10	Security	H24
11	De-icing	Nil
12	Remarks	Unscheduled movements PPR fm FIC Kota Kinabalu before 0400 daily.

WBGR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Prior arrangement with Malaysia Airline.
2	Fuel / Oil types	Jet A - 1
3	Fuelling facilities / capacity	SHELL and PETRONAS and refuelling by bowsers.
4	De-icing facilities	Nil
5	Hanger space available for visiting aircraft	General Aviation MAB hangar.
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

WBGR AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in town.
2	Restaurants	Airport Terminal.
3	Transportation	Taxi and Bus - (2300 - 1100)
4	Medical facilities	Miri Hospital.
5	Bank and Post Offices	Nil
6	Tourist Office	Nil
7	Remarks	Nil

WBGR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Required: CAT VI Available: CAT VI Trained personnel: Min 8 per shift Max 12 per shift
2	Rescue equipment	Type of vehicle : a) Ultra Large Foam Tender (2 units) b) MINI Rapid Intervention Vehicle (1unit)
3	Capability for removal of disabled aircraft	Only MAS engineering has tow-truck to remove aircraft.
4	Remarks	Nil

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

WBGR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Concrete Strength : Apron A - Stand A1 & A2 - PCN 45/R/C/X/T Stand A3 - PCN 75/R/C/X/T Apron B - Stand B1, B2, C1, C2, C3, C4 & C5 - PCN 45/R/C/X/T
2	Taxiway width, surface and strength	Width : 23 M Surface : Asphalt Strength : PCN 79/F/C/X/T
3	ACL location and elevation	Location : At Apron Elevation : 16.10 M (52.80 FT)
4	VOR / INS checkpoint	VOR : At TWY A, TWY B & TWY F holding point. See AD Chart. TWY A : 041834N 1135848E Brg 026° 48' 11" Dist. 1.73NM / 3.204KM TWY B : 041918N 1135909E Brg 027° 53' 18" Dist 0.93NM / 1.716KM TWY F : 041958N 1135928E Brg 032° 43' 46" Dist 0.36NM / 659.6M At aircraft parking stand. INS : Gate A1 : B737-400 - 041931N 1135903E Gate A2 : B737-400 - 041929N 1135903E Gate A3 : A330-300 - 041928N 1135902E B737-400 - 041928N 1135902E
5	Remarks	Nil

WBGR 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 1,2 and 3. Nose wheel guidance line for all parking bays.
2	RWY and TWY marking and LGT	Rwy : Designation, Threshold, Touchdown Zone, Aiming Point Centreline, Edge and End Markings. Rwy : High Intensity Edge Lights, Green Threshold Lights Twy : Centreline, Holding Position, Edge Markings Twy : Edge Lightings
3	Stop bars	At holding point - Red.
4	Remarks	Apron parking guidance system Bay A1, A2 and A3 cannot be seen clearly by Pilot upon docking aircraft whenever reflected by sunlight rays.

WBGR AD 2.10 AERODROME OBSTACLES

In APCH/TKOF areas			In circling area and at AD		Remarks
	1		2		3
RWY / Area effected	Obstacles Type Elevation Markings / LGT	Coordinates	Obstacles Type Elevation Markings / LGT	Coordinates	
a	b	c	a	b	
20 APCH 02 TKOF	LLZ Antenna 20.5 M (67 FT) DVOR Antenna 22 M (72 FT) / Lighted	04 20 07 N 113 59 35 E 04 20 16 N 113 59 39 E	WDI 24.78 M (81.30 FT) / Lighted	04 20 00 N 113 59 41 E	Nil
02 APCH 20 TKOF	NDB Antenna 42.34 M (139 FT) / Lighted	04 17 59 N 113 58 35 E	Glide Path Aerial 32.12 M (105 FT) Red obstruction lights WDI 25.03 M (82.12 FT) / Lighted	04 18 49 N 113 59 03 E 04 18 53 N 113 58 57 E	Nil

RWY / Area effected	Obstacles Type Elevation Markings / LGT	Coordinates
a	b	c
	Radio Mast at Tanjung Baram, hgt 310 FT AMSL. Painted red and white and lgted at night.	0435N 11358E
	Telecom Twr at Bukit Ancharang, hgt 486 FT AMSL. Painted and lgted.	034659.5N 1135012.5E
	Telecom Twr at Bukit Lambir, hgt 1033 FT AMSL. Painted and lgted.	041255.4N 1140246.2E
	Telecom Twr at Tg. Lobang, hgt 384 FT AMSL. Painted and lgted.	042133.4N 1135819.4E
	Telecom Twr at Tudan Road, hgt 164 FT AMSL. Painted and lgted.	042854.9N 114039.3E
	Telecom Twr at Bukit Dabei, hgt 1135 FT AMSL. Painted and lgted	041129.4N 1142611.3E
	Aerial Mast, hgt 368 FT AMSL. Painted orange/white and lgted.	042611N 1140110E
	Two Aerial Masts, hgt 647 FT and 350 FT AMSL. Not painted and lgted.	042154N 1135810E
	Aerial Mast, hgt 350 FT AMSL. Painted orange/white and lgted.	042208N 1135835E
	Aerial Mast, hgt 1050 FT AMSL. Painted orange/white and lgted.	041250N 1140230E
	Telecom Twr at Bekenu, hgt 183 FT (55.70 M) AMSL. Marked and lgted.	040336.3N 1135030.9E
	Telecom Twr at Kuala Baram, hgt 270 FT (82.20 M) AMSL. Marked and lgted.	043442.8N 1135826.7E
	Telecom Twr, hgt 661 FT (201.44 M) AMSL. Marked and lgted.	033626N 1134049E
	Telecom Twr, hgt 480 FT (146.20 M) AMSL. Marked and lgted.	040328N 1135517E
	Telecom Twr, hgt 956 FT (291.44 M) AMSL. Marked and lgted.	041334N 1140622E
	Telecom Twr at Tudan Road, hgt 164 FT (50 M) AMSL. Marked and lgted.	042855N 1140039E
	Telecom Twr at Lutung Town, hgt 278 FT (84.80 M) AMSL. Marked and lgted.	042759N 1140004E
	Telecom Twr at Miri Canada Hill, hgt 394 FT (120 M) AMSL. Marked and lgted.	042306.0N 1135911.7E
	Telecom Twr at Luak Bay, hgt 108 FT (33 M) AMSL. Marked and lgted.	042043.0N 1135816.2E
	Telecom Twr at 16 KM Kuala Baram/Lutung Road, hgt 256 FT (78M) AMSL. Marked and lgted.	043020N 1135946E
	Telecom Twr at Bukit Temedak, hgt 550 FT (167.64 M) AMSL. Marked and lgted.	033254N 1133731E
	Telecom Twr at Bukit BCM. Niah District, hgt 500 FT (152.40 M) AMSL. Marked and lgted.	034238N 1134516E
	Telecom Twr at Ladang Tiga, hgt 400 FT (121.92 M) AMSL. Marked and lgted.	035236N 1135332E
	Telecom Twr at Bukit Surea, hgt 500 FT (152.40 M) AMSL. Marked and lgted.	040246N 1135656E
	Telecom Twr at Bukit Lambir, hgt 1050 FT (320.04 M) AMSL. Maked and lgted.	041257N 1140245E
	Telecom Twr at Bukit Dabei, hgt 1350 FT (411.48 M) AMSL. Marked and lgted.	041133N 1142610E
	Telecom Twr, hgt 661 FT (210.44 M) AMSL. Marked and lgted.	033626N 1134049E
	Telecom Twr at Bukit Mutap, hgt 480 FT (146.20 M) AMSL. Marked and lgted.	040328N 1135517E
	Telecom Twr at Bukit Pantu Buri, hgt 956 FT (291.44 M) AMSL. Marked and lgted.	041334N 1140622E
	Telecom Twr at New Miri General Hospital, hgt 199 FT (60.72 M) AMSL. Marked and lgted.	042243.6N 1135939.2E
	Telecom Twr at Kuala Baram, Lot 68, Perry Point, hgt 257 FT (78.30 M) AMSL. Marked and lgted.	043442.8N 1135856.7E
	Telecom Twr at PDRM Batu Niah, Pekan Batu Niah, hgt 258 FT (78.72 M) AMSL. Marked and lgted.	034808.4N 1134506.4E
	Telecom Twr at Sebauh Junction, Lot 90, Blk 28, Mile 16 Bintulu Miri, hgt 314 FT (95.72 M) AMSL. Marked and lgted.	031427.5N 1131305.6E
	Telecom Twr at Bekenu, Lot 3057, Bekenu Town District, hgt 170 FT (51.72 M) AMSL. Marked and lgted.	040545.5N 1135742.4E
	Telecom Twr at PDRM Kuala Baram, Kuala Belait Road, Sg. Tujuh, hgt 176 FT (53.72 M) AMSL. Marked and lgted.	043513.3N 1140416.9E
	Telecom Twr at Miri - Kuala Baram Road, hgt 161 FT (49 M) AMSL. Marked and lgted.	043418.1N 1135827.4E
	Telecom Twr at Batu Niah, hgt 243 FT (74.06 M). Marked and lgted	034818N 1134514E
	Telecom Twr at GM NG SIAN HAP, hgt 202 FT (61.45 M) AMSL. Marked and lgted.	043121N 1135917E
	Telecom Twr at Lrg. Pujut, Lutong, hgt 158 FT (48.18 M) AMSL. Marked and lgted.	042533N 1140048E
	Telecom Twr at Tudan, hgt 161 FT (49 M) AMSL. Marked and lgted.	042864N 1140048E
	Telecom Twr at Tanjung Lobang, hgt 647 FT (197 M) AMSL. Marked and lgted.	042150N 1135810E
	Telecom Twr at Kuala Baram, hgt 200 FT. Marked and lgted.	043309.0N 1140110.2E
	Telecom Twr at Jalan Riam, Miri, hgt 280 FT (85.34 M) AMSL. Marked and lgted.	042243N 1135851E
	Telecom Twr at Pujut, hgt 314 FT (95.72 M) AMSL. Marked and lgted.	042443N 1140051E
	Radar antenna, hgt 40 M (Elev. 17 M + Structure 23 M). Marked. Not lgted.	041929.8N 1135915.8E
	Floodlight mast, hgt 75FT at North West corner of main apron (6FT from apron edge)	-

WBGR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	MIRI
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	Miri Control Tower
10	Additional information	Tel.: 085 - 617712 Fax: 085 - 614969

WBGR 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
02	024.8770°T 024 M	2745 x 60	PCN 79/F/C/X/T Asphalt	041840.87N 1135854.91E	THR : 18.03 M (59 FT) TDZ : 17.12 M (56 FT)
20	204.8770°T 204 M	2745 x 60	PCN 79/F/C/X/T Asphalt	042001.87N 1135932.53E	THR : 17.78 M (58 FT)
Slope of RWY - SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strips Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.009 %	Nil	60 x 150	2925 x 300	Nil	Nil
0.009 %	60 x 60	60 x 150	2925 x 300	Nil	Nil

WBGR AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
02	2745	2805	2745	2745	Nil
20	2745	2805	2805	2745	Nil

WBGR 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 High Inst	Green	PAPI Slope 3°	Nil	Nil	White/ Yellow	Green	Nil	Nil
20	Simple Approach High Inst	Green	PAPI Slope 3°	Nil	Nil	White/ Yellow	Green	Red	Nil

WBGR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	At Control Tower roof flashing altn White / Green. Sunset till Aerodrome closure.
2	LDI location and LGT Anemometer location and LGT	Not avbl Anemometer : Lgtd Wind-Direction Indicator (WDI) Rwy 02 : 261 M fm THR on left. Lgtd. Rwy 20 : 250 M fm THR on left. Lgtd.
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 for Control Tower / AGL. Switch-over time : 15 sec
5	Remarks	Stop Bar Lights at TWY A, TWY B and TWY F.

WBGR AD 2.16 HELICOPTER LANDING AREA

NIL

WBGR AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	<p>Miri CTR Area contained within positions commencing clockwise from the national boundary of Brunei / Malaysia at 041545N 1141845E, along the arc of a circle 20 NM centred on VMI DVOR / DME (042016.0N 1135939.1E) to 044030N 1135900E, thence along the AMPA Triangle boundary to the national boundary of Malaysia / Brunei at 043500N 1140450E, thence along the national boundary of Brunei / Malaysia to 041545N 1141845E.</p> <p>Miri TMA An area excluding AMPA Triangle, contained within positions commencing clockwise from 040500N 1143631E, thence along the arc of a circle 40 NM centred on VMI DVOR / DME (042016.0N 1135939.1E) to 050030N 1140335E, thence along the boundary of the Brunei TMA, 50 NM centred on BRU DVOR/DME (045254N 1145254E) to 040500N 1143631E.</p>
2	Vertical limits	CTR : Gnd Level to 3000 FT TMA : 2500 FT to FL145
3	Airspace classification	C - Up to 10 000 FT B - Above 10 000 FT
4	ATS unit callsign Language(s)	Miri Approach English.
5	Transition altitude	11 000 FT
6	Remarks	Nil

WBGR AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	ID	Frequency	Hours of operation	Remarks
1	2	3	4	5
SMC	MIRI GROUND	121.9 MHZ	2230 - 1500	-
TWR	MIRI TOWER	123.3 MHZ * 121.5 MHZ		* Emergency frequency
TWR/APP	MIRI APPROACH	P 129.90 MHZ S 122.70 MHZ		P Primary S Secondary
ATIS	MIRI INFORMATION	127.0 MHZ		-

WBGR 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	IMR	110.10 MHZ	H24	042007.2N 1135935.0E	-	ILS Reference Datum : 52 FT.
GP/DME	IMR	334.4 MHZ CH 38X		041848.7N 1135902.8E	32 M / 105 FT	10 W
NDB	MYY	209 KHZ		041758.5N 1135835.3E	-	125 W
DVOR/DME	VMI	112.4 MHZ CH 71X		042016.0N 1135939.1E	22 M / 72 FT	1000 W

WBGR AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Minimum height over Miri town is 1500 FT.
2. Helicopter inbound to Miri shall proceed via published VFR routes and VFR holds i.e. Lambir Water Works Tower & West of Tg. Lobang.
3. Arriving aircraft will be allocated a stand number by SMC. General aviation aircraft will be directed to parking Apron B or General Aviation Parking Apron as directed by ATC.
4. Departing aircraft shall contact SMC on 121.9 MHz for start-up clearance at least 10 minutes before departure. Departing aircraft shall obtain push-back clearance, taxi instruction and ATC clearance from SMC on 121.9 MHz.
5. Procedures for VFR flights within Miri CTR/TMA :
 - a) A flight plan shall be filed for the flight concerned.
 - b) ATC clearance shall be obtained from Miri TWR.
 - 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 Miri Director on 129.9 MHz (P) or 122.7 MHz (S) prior to entering the Miri CTR/TMA.
 - f) All VFR flights shall follow the established VFR Routes for entry and exit of the Miri CTR/TMA, as shown in Visual Chart. Any deviation outside these routes requires prior ATC permission.
6. Circuit height 1500 FT. Light aircraft and Helicopters 1000 FT.
7. Departing aircraft shall be pushed out on to the apron centerline and face North or as directed by ATC.
8. 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 (i.e. Airbus).

WBGR AD 2.21 NOISE ABATEMENT PROCEDURES

1. Communication failure procedures as per AIP Malaysia, ENR 1.6 - 3 para 2.1.
- 2.

WBGR AD 2.22 FLIGHT PROCEDURES

NIL

WBGR AD 2.23 ADDITIONAL INFORMATION

1. Birds concentration within the vicinity of aerodrome. Pilot to exercise caution during landing and take-off.