
AIP SUPPLEMENT MALAYSIA

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AIRAC

KOTA KINABALU FLIGHT INFORMATION REGION MIRI AIRPORT

INTRODUCTION OF THE NEW TAXIWAYS AND NEW AIRCRAFT PARKING CONFIGURATION TO THE EXPANDED AIRCRAFT PARKING APRON

(This AIP Supplement replaces AIP Supplement 18/2014)

1 INTRODUCTION

- 1.1 This AIP Supplement serves to notify the aviation industry of the New Taxiway Configuration with the extended taxiway and New Aircraft Parking Configuration with the expanded parking apron.
- 1.2 Miri Airport will be upgraded to improve airside traffic movement and aircraft parking. All works are expected to be completed by 3 March 2016.
- 1.3 The scope of works for the upgrading works include the expansion of the existing apron, a new runway connecting Taxiway A3 and two new apron connecting Taxiway B1 to New Southern Apron and Taxiway C1 to New Northern Apron.
- 1.4 The new apron will accommodate an additional of 4 Full Code C parking bays, 3 ATR 72 parking bays and 4 DHC6 parking bays.
- 1.5 Taxiway A, Taxiway B and all existing parking bays will be re-named to ensure ease of operations when the new taxiways and parking bays begin operations.

2 SCOPE OF CHANGE

- 2.1 Appendix A attached shows the changes to the airfield facilities as tabulated in WBGR AD 2.8 – Apron, Taxiways and Check Location Data, WBGR AD 2.9 - Surface Movement Guidance and Control System and Markings and WBGR 2.10 - Aerodrome Obstacles.
- 2.2 Appendix B attached shows the changes to the airfield facilities as tabulated in WBGR AD 2.15 – Other Lighting, Secondary Power Supply.
- 2.3 Appendix C attached shows the changes to the Aerodrome/ Heliport Chart (WBGR AD 2.23)
- 2.4 Appendix D attached shows the changes to the attached shows the Aerodrome Ground Movement Chart (WBGR AD 2.24).
- 2.5 Appendix E attached shows the changes to the Aerodrome Taxiway, Parking & Docking Chart (WBGR AD 2.25).

3 MOVEMENT AREAS

3.1 Main Taxiways

3.1.1 Parallel taxiway A and the connecting runway Taxiway A1, Taxiway A2 and Taxiway A3 are restricted to Code E aircraft and below.

3.2 Connecting Apron Taxiways

3.2.1 The connecting apron Taxiway B1 to New Southern Apron and Taxiway B2 to existing Apron are restricted to Code E aircraft and below.

3.2.2 The connecting apron Taxiway C1 to New Northern Apron is restricted to Code C aircraft and below

4 NEW AIRCRAFT PARKING CONFIGURATIONS

PROPOSED AIRCRAFT PARKING CONFIGURATION					
Bay No.	Design Aircraft	Parking Operations	Coordinates		Availability
			LAT	LONG	
1	All Code C Aircraft	PIPB	04°19'31.63" N	113°59'03.96" E	Operational
2	All Code C Aircraft	PIPB	04°19'30.55" N	113°59'03.45" E	Operational
3	All Code C Aircraft	PIPB	04°19'29.40" N	113°59'02.93" E	Operational
4	A330-200, B777-200	PIPB	04°19'27.72" N	113°59'02.17" E	Operational
5	All Code C Aircraft	PIPB	04°19'25.90" N	113°59'01.57" E	Operational
6	All Code C Aircraft	PIPB	04°19'24.69" N	113°59'01.01" E	Operational
7	All Code C Aircraft	PIPB	04°19'23.48" N	113°59'00.45" E	Operational
8	All Code C Aircraft	PIPB	04°19'22.27" N	113°58'59.89" E	Operational
R1	ATR72	PIPB	04°19'32.97" N	113°59'05.24" E	03 Mar 2016
R2	ATR72	PIPB	04°19'32.54" N	113°59'05.06" E	03 Mar 2016
R3	ATR72	PIPB	04°19'32.10" N	113°59'07.13" E	03 Mar 2016
R4	ATR72	PIPB	04°19'36.13" N	113°59'06.71" E	03 Mar 2016
R5	ATR72	PIPB	04°19'35.69" N	113°59'07.65" E	03 Mar 2016
R6	ATR72	PIPB	04°19'35.25" N	113°59'08.59" E	03 Mar 2016
R7	ATR72	PIPB	04°19'36.85" N	113°59'07.04" E	03 Mar 2016
R8	ATR72	PIPB	04°19'36.41" N	113°59'07.98" E	03 Mar 2016
R9	ATR72	PIPB	04°19'35.97" N	113°59'08.92" E	03 Mar 2016
R10	DHC6	PIPB	04°19'39.66" N	113°59'07.97" E	03 Mar 2016
R11	DHC6	PIPB	04°19'39.28" N	113°59'08.78" E	03 Mar 2016
R12	DHC6	PIPB	04°19'38.91" N	113°59'09.59" E	03 Mar 2016
R13	DHC6	PIPB	04°19'38.53" N	113°58'10.40" E	03 Mar 2016

5 OTHER FACILITIES

5.1 A wind anemometer station is provided at the centre of the Runway.

6 IMPLEMENTATION

6.1 This AIP Supplement and relevant charts will become effective at 0001 UTC on 03 March 2016. A trigger NOTAM will be issued to alert users on the implementation.

7 CANCELLATION

7.1 This AIP supplement will remain current until the information is published in AIP Malaysia

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Director General
Department of Civil Aviation
Malaysia

WBGR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Concrete Strength : Apron - Stands 1, 2 & 3 - PCN 45/R/C/X/T Stands 4 - PCN 75/R/C/X/T Stands 5, 6, 7 & 8 – PCN 56/R/C/X/U Stands R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12 & R13 - PCN 51/R/A/W/T Apron GA2- Stands H1, H2, H3 & H4 – PCN 45/R/C/X/T
2	Taxiway width, surface and strength	Width: 23m – TWY A, A1, A2, A3, B1 & B2 18m – TWY C1 15m – TWY G and H Surface: Asphalt Strength: TWY A & A1 – PCN 100/F/A/W/T TWY A2 & B2 – PCN 100/F/B/W/T TWY B1, C1, & A3 – PCN 79 F/C/X/U TWY F – PCN 26/F/B/W/T
3	ACL location and elevation	Location: At Apron Elevation: 16.10M (52.80FT)
4	VOR /INS checkpoint	VOR At TWY A1, TWY A2, TWY A3 & TWY F holding point. See AD Chart TWY A1: 041834N 1135848E Brg 026° 48' 11" Dist. 1.73NM / 3.204KM TWY A2: 041918N 1135909E Brg 027° 53' 18" Dist. 0.93NM / 1.716KM TWY A3: 041941.14N 1135919.67E Brg 029° 09' 36" Dist. 0.66NM / 1.222KM TWY F: 041958N 1135928E Brg 032° 43' 46" Dist. 0.36NM / 659.6KM At Aircraft Parking Stands INS Gate 2: B737-400 – 041930.55N 1135903.45E Gate 3: B737-400 – 041929.40N 1135902.93E Gate 4: A330-300 – 041927.72N 1135902.17E B737-400 – 041928N 1135902E
5	Remarks	Taxiway C dan Parking Bays R1 – R13 are restricted to ATR 72, DHC6 aircraft or smaller

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 2,3 and 4. Nose wheel guidance line for all parking bays.
2	RWY and TWY marking and LGT	RWY Markings: Designation, Threshold, Touchdown Zone, Aiming Point Centreline, Edge and End Markings RWY Lighting: High Intensity Edge Lights, Green Threshold Lights TWY Markings: Centreline, Holding Position, Edge Markings TWY Lighting: Edge Lightings
3	Stop bars	At holding point – Red
4	Remarks	Apron parking guidance system Bay 2, 3 and 4 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	042007 N 1135935 E 042016 N 1135939 E	WDI 24.78 M (81.30 FT) / Lighted	042000 N 1135941 E	NIL
20 APCH 02 TKOF	NDB Antenna 42.34 M (139 FT) / Lighted	041759 N 1135835 E	Glide Path Aerial 32.12 M (105 FT) Red obstruction lights WDI 25.03 M (82.12 FT) / Lighted	041849 N 1135903 E 041853 N 1135857 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 lgtd at night.	0435 N 11358E
	Telecom Twr at Bukit Ancharang, hgt 486 FT AMSL. Painted and lgtd.	034659.5N 1135012.5E
	Telecom Twr at Bukit Lambir, hgt 1033 FT AMSL. Painted and lgtd.	041255.4N 1140246.2E
	Telecom Twr at Tg. Lobang, hgt 384 FT AMSL. Painted and lgtd.	042133.4N 1135819.4E
	Telecom Twr at Tudan Road, hgt 164 FT AMSL. Painted and lgtd.	042854.9N 114039.3E
	Telecom Twr at Bukit Dabei, hgt 1135 FT AMSL. Painted and lgtd.	041129.4N 1142611.3E
	Aerial Mast, hgt 368 FT AMSL. Painted orange/white and lgtd.	042611N 1140110E
	Two Aerial Masts, hgt 647 FT and 350 FT AMSL. Not painted and lgtd.	042154N 1135810E
	Aerial Mast, hgt 350 FT AMSL. Painted orange/white and lgtd.	042208N 1135835E
	Aerial Mast, hgt 1050 FT AMSL. Painted orange/white and lgtd.	041250N 1140230E
	Telecom Twr at Bekenu, hgt 183 FT (55.70 M) AMSL. Marked and lgtd.	040336.3N 1135030.9E
	Telecom Twr at Kuala Beram, hgt 270 FT (82.20 M) AMSL. Marked and lgtd.	043442.8N 1135826.7E
	Telecom Twr, hgt 661 FT (201.44 M) AMSL. Marked and lgtd.	033626N 1134049E
	Telecom Twr, hgt 480 FT (146.20 M) AMSL. Marked and lgtd.	040328N 1135517E
	Telecom Twr, hgt 956 FT (291.44 M) AMSL. Marked and lgtd.	041334N 1140622E
	Telecom Twr at Tudan Road, hgt 164 FT (50 M) AMSL. Marked and lgtd.	042855N 1140039E
	Telecom Twr at Lutung Town, hgt 278 FT (84.80 M) AMSL. Marked and lgtd.	042759N 1140004E

Telecom Twr at Miri Canada Hill, hgt 394 FT (120 M) AMSL. Marked and lgt.	042306.0N 1135911.7E
Telecom Twr at Luak Bay, hgt 108 FT (33 M) AMSL. Marked and lgt.	042043.0N 1135816.2E
Telecom Twr at 16KM Kuala Baram/Lutong Road, hgt 256 FT (78 M) AMSL. Marked and lgt.	043020N 1135946E
Telecom Twr at Bukit Temedak, hgt 550 FT (167.64 M) AMSL. Marked and lgt.	033254N 1133731E
Telecom Twr at Bukit BCM, Niah district, hgt 500 FT (152.40 M) AMSL. Marked and lgt.	034238N 1134516E
Telecom Twr at Ladang Tiga, hgt 400 FT (121.92 M) AMSL. Marked and lgt.	035236N 1135332E
Telecom Twr at Bukit Surea, hgt 500 FT (152.40 M) AMSL. Marked and lgt.	040246N 1135656E
Telecom Twr at Bukit Lambir, hgt 1050 FT (320.04 M) AMSL. Marked and lgt.	041257N 1140245E
Telecom Twr at Bukit Dabei, hgt 1350 FT (411.48 M) AMSL. Marked and lgt.	041133N 1142610E
Telecom Twr, hgt 661 FT (210.44 M) AMSL. Marked and lgt.	033626N 1134049E
Telecom Twr at Bukit Mutap, hgt 480 FT (146.20 M) AMSL. Marked and lgt.	040328N 1135517E
Telecom Twr at Bukit Pantu Buri, hgt 956 FT (291.44 M) AMSL. Marked and lgt.	041334N 1140622E
Telecom Twr at New Miri Hospital, hgt 199 FT (60.72 M) AMSL. Marked and lgt.	042243.6N 1135939.2E
Telecom Twr at Kuala Baram, Lot 68, Perry Point, hgt 257 FT (78.30 M) AMSL. Marked and lgt.	043442.8N 1135856.7E
Telecom Twr at PDRM Batu Niah, Pekan Batu Niah, hgt 258 FT (78.72 M) AMSL. Marked and lgt.	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 lgt.	031427.5N 1131305.6E
Telecom Twr at Bekenu, Lot 3057, Bekenu Town District, hgt 170 FT (51.72 M) AMSL. Marked and lgt.	040545.5N 1135742.4E
Telecom Twr at PDRM Kuala Baram, Kuala Belait Road, Sg. Tujuh, hgt 176 FT (53.72 M) AMSL. Marked and lgt.	043513.3N 1140416.9E
Telecom Twr at Miri- Kuala Baram Road, hgt 161 FT (49 M) AMSL. Marked and lgt.	043418.1N 1135827.4E
Telecom Twr at Batu Niah , hgt 243 FT (74.06 M). Marked and lgt.	034818N 1134514E
Telecom Twr at GM NG SIAN HAP, hgt 202 FT (61.45 M) AMSL. Marked and lgt.	043121N 1135917E
Telecom Twr at Lrg. Pujut, Lutong, hgt 158 FT (48.18 M) AMSL. Marked and lgt.	042533N 1140048E
Telecom Twr at Tudan, hgt 161 FT (49 M) AMSL. Marked and lgt.	042864N 1140048E
Telecom Twr at Tanjung Lobang, hgt 647 FT (197 M) AMSL. Marked and lgt.	042150N 1135810E
Telecom Twr at Kuala Baram, hgt 200 FT. Marked and lgt.	043309.0N 1140110.2E
Telecom Twr at Jalam Riam, Miri, hgt 280 FT (85.34 M) AMSL. Marked and lgt.	042243N 1135851E
Telecom Twr at Pujut, hgt 314 FT (95.72 M) AMSL. Marked and lgt.	042443N 11400051E

	Radar Antenna, hgt 40 M (Elev. 17 M + Structure 23 M). Marked. Not lgtd.	041929.8N 1135915.8E
	Floodlight mast, hgt 75 FT at North West corner of main apron (6 FT from apron edge)	-
	Covered walkway located at parking apron for passengers boarding / disembarking at Bay R1 to Bay R13	041931.54N 1135907.26E 041935.43N 1135909.26E 041938.70N 1135910.84E

WBGR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	At Control Tower roof flashing alternate White / Green. Sunset till Aerodrome closure.
2	LDI location and LGT Anemometer location and LGT	Not avbl Anemometer : Lighted Wind Direction Indicator (WDI) Rwy 02 : 261 M from THR on left. Lighted Twy 20 : 250 M from THR on left. Lighted.
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 15 seconds
5	Remarks	Stop Bar Lights at TWY A1, TWY A2, TWY A3 and TWY F

WBGR AD 2.16 HELICOPTER LANDING AREA

NIL

AERODROME/HELIPORT
CHART - ICAO

04° 19' 21" N
113° 59' 14" E

ELEV. 18M

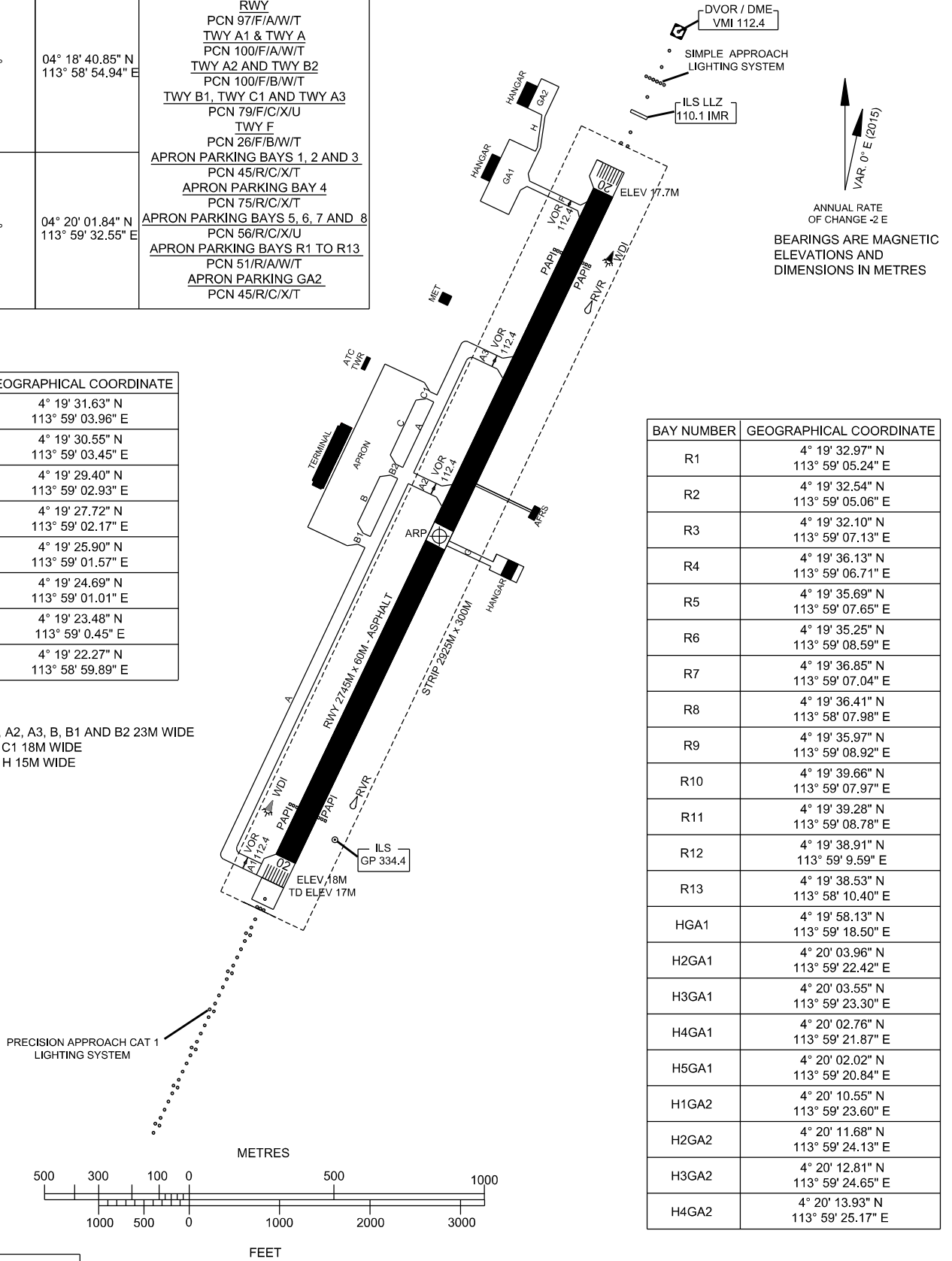
TWR	123.30
APP	129.90
	122.70
SMC	121.90
ATIS	127.0

MIRI / MIRI AIRPORT

RWY	DIRECTION	THR CO-ORDS	BEARING STRENGTH
02	024°	04° 18' 40.85" N 113° 58' 54.94" E	RWY PCN 97/F/A/W/T TWY A1 & TWY A PCN 100/F/A/W/T TWY A2 AND TWY B2 PCN 100/F/B/W/T TWY B1, TWY C1 AND TWY A3 PCN 79/F/C/X/U TWY F PCN 26/F/B/W/T APRON PARKING BAYS 1, 2 AND 3 PCN 45/R/C/X/T APRON PARKING BAY 4 PCN 75/R/C/X/T
			APRON PARKING BAYS 5, 6, 7 AND 8 PCN 56/R/C/X/U APRON PARKING BAYS R1 TO R13 PCN 51/R/A/W/T APRON PARKING GA2 PCN 45/R/C/X/T
20	204°	04° 20' 01.84" N 113° 59' 32.55" E	

BAY NUMBER	GEOGRAPHICAL COORDINATE
1	4° 19' 31.63" N 113° 59' 03.96" E
2	4° 19' 30.55" N 113° 59' 03.45" E
3	4° 19' 29.40" N 113° 59' 02.93" E
4	4° 19' 27.72" N 113° 59' 02.17" E
5	4° 19' 25.90" N 113° 59' 01.57" E
6	4° 19' 24.69" N 113° 59' 01.01" E
7	4° 19' 23.48" N 113° 59' 0.45" E
8	4° 19' 22.27" N 113° 58' 59.89" E

TAXIWAYS A, A1, A2, A3, B, B1 AND B2 23M WIDE
TAXIWAY C AND C1 18M WIDE
TAXIWAY G AND H 15M WIDE



BAY NUMBER	GEOGRAPHICAL COORDINATE
R1	4° 19' 32.97" N 113° 59' 05.24" E
R2	4° 19' 32.54" N 113° 59' 05.06" E
R3	4° 19' 32.10" N 113° 59' 07.13" E
R4	4° 19' 36.13" N 113° 59' 06.71" E
R5	4° 19' 35.69" N 113° 59' 07.65" E
R6	4° 19' 35.25" N 113° 59' 08.59" E
R7	4° 19' 36.85" N 113° 59' 07.04" E
R8	4° 19' 36.41" N 113° 58' 07.98" E
R9	4° 19' 35.97" N 113° 59' 08.92" E
R10	4° 19' 39.66" N 113° 59' 07.97" E
R11	4° 19' 39.28" N 113° 59' 08.78" E
R12	4° 19' 38.91" N 113° 59' 9.59" E
R13	4° 19' 38.53" N 113° 58' 10.40" E
HGA1	4° 19' 58.13" N 113° 59' 18.50" E
H2GA1	4° 20' 03.96" N 113° 59' 22.42" E
H3GA1	4° 20' 03.55" N 113° 59' 23.30" E
H4GA1	4° 20' 02.76" N 113° 59' 21.87" E
H5GA1	4° 20' 02.02" N 113° 59' 20.84" E
H1GA2	4° 20' 10.55" N 113° 59' 23.60" E
H2GA2	4° 20' 11.68" N 113° 59' 24.13" E
H3GA2	4° 20' 12.81" N 113° 59' 24.65" E
H4GA2	4° 20' 13.93" N 113° 59' 25.17" E

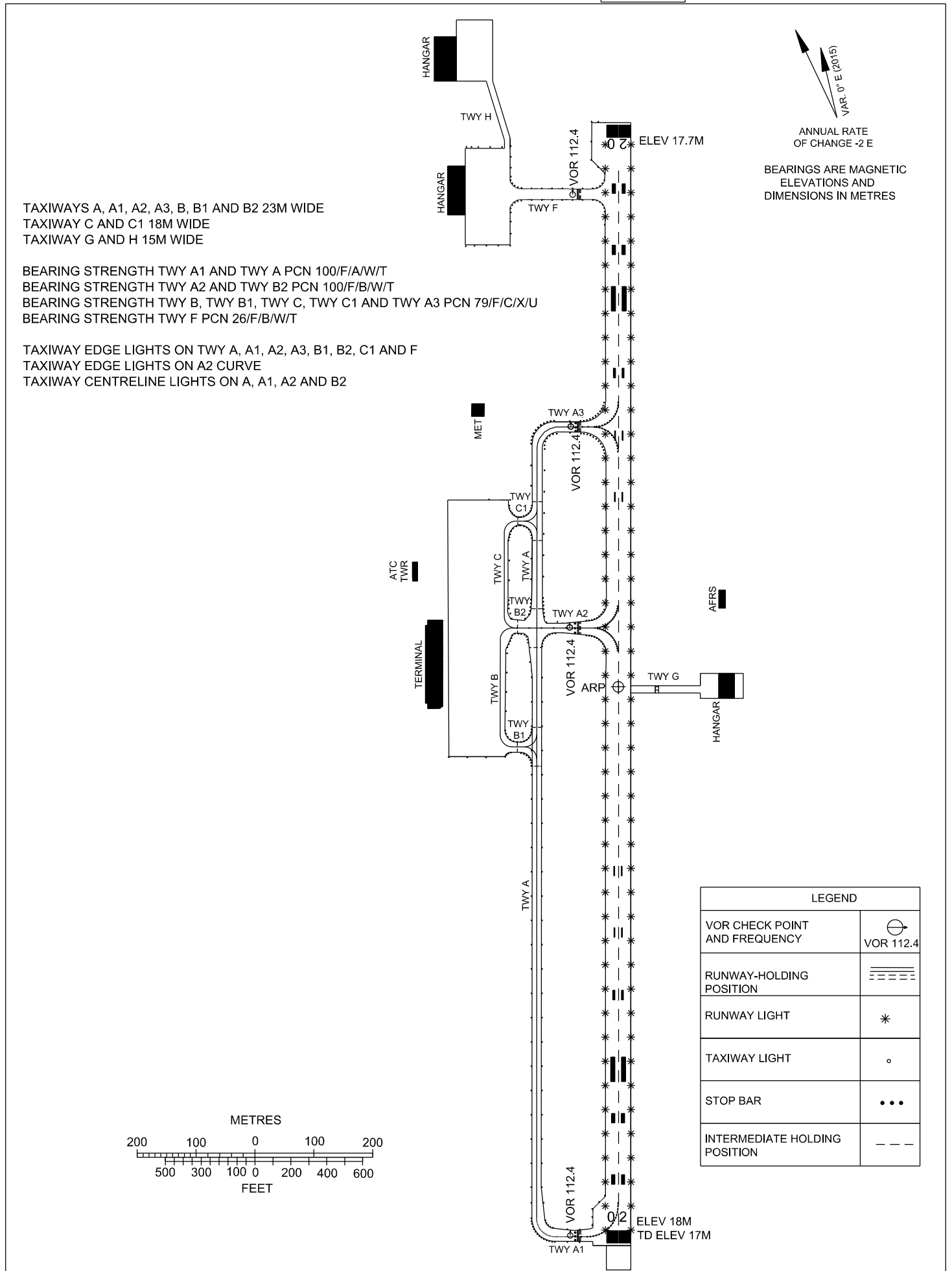
LEGEND	
VOR CHECK POINT AND FREQUENCY	VOR 112.4

AERODROME GROUND
MOVEMENT CHART - ICAO

APRON ELEV 16.10M

TWR	123.30
APP	129.90
	122.70
SMC	121.90
ATIS	127.0

MIRI / MIRI AIRPORT



AERODROME PARKING/
DOCKING CHART - ICAO

APRON ELEV 16.10M

TWR	123.30
APP	129.90
	122.70
SMC	121.90
ATIS	127.0

MIRI / MIRI AIRPORT

BAY NUMBER	GEOGRAPHICAL COORDINATE
1	4° 19' 31.63" N 113° 59' 03.96" E
2	4° 19' 30.55" N 113° 59' 03.45" E
3	4° 19' 29.40" N 113° 59' 02.93" E
4	4° 19' 27.72" N 113° 59' 02.17" E
5	4° 19' 25.90" N 113° 59' 01.57" E
6	4° 19' 24.69" N 113° 59' 01.01" E
7	4° 19' 23.48" N 113° 59' 0.45" E
8	4° 19' 22.27" N 113° 58' 59.89" E
R1	4° 19' 32.97" N 113° 59' 05.24" E
R2	4° 19' 32.54" N 113° 59' 05.06" E
R3	4° 19' 32.10" N 113° 59' 07.13" E
R4	4° 19' 36.13" N 113° 59' 06.71" E
R5	4° 19' 35.69" N 113° 59' 07.65" E
R6	4° 19' 35.25" N 113° 59' 08.59" E
R7	4° 19' 36.85" N 113° 59' 07.04" E
R8	4° 19' 36.41" N 113° 58' 07.98" E
R9	4° 19' 35.97" N 113° 59' 08.92" E
R10	4° 19' 39.66" N 113° 59' 07.97" E
R11	4° 19' 39.28" N 113° 59' 08.78" E
R12	4° 19' 38.91" N 113° 59' 9.59" E
R13	4° 19' 38.53" N 113° 58' 10.40" E
HGA1	4° 19' 58.13" N 113° 59' 18.50" E
H2GA1	4° 20' 03.96" N 113° 59' 22.42" E
H3GA1	4° 20' 03.55" N 113° 59' 23.30" E
H4GA1	4° 20' 02.76" N 113° 59' 21.87" E
H5GA1	4° 20' 02.02" N 113° 59' 20.84" E
H1GA2	4° 20' 10.55" N 113° 59' 23.60" E
H2GA2	4° 20' 11.68" N 113° 59' 24.13" E
H3GA2	4° 20' 12.81" N 113° 59' 24.65" E
H4GA2	4° 20' 13.93" N 113° 59' 25.17" E

APRON PARKING BAYS 1, 2 AND 3
PCN 45/R/C/X/T

APRON PARKING BAY 4
PCN 75/R/C/X/T

APRON PARKING BAYS 5, 6, 7
AND 8
PCN 56/R/C/X/U

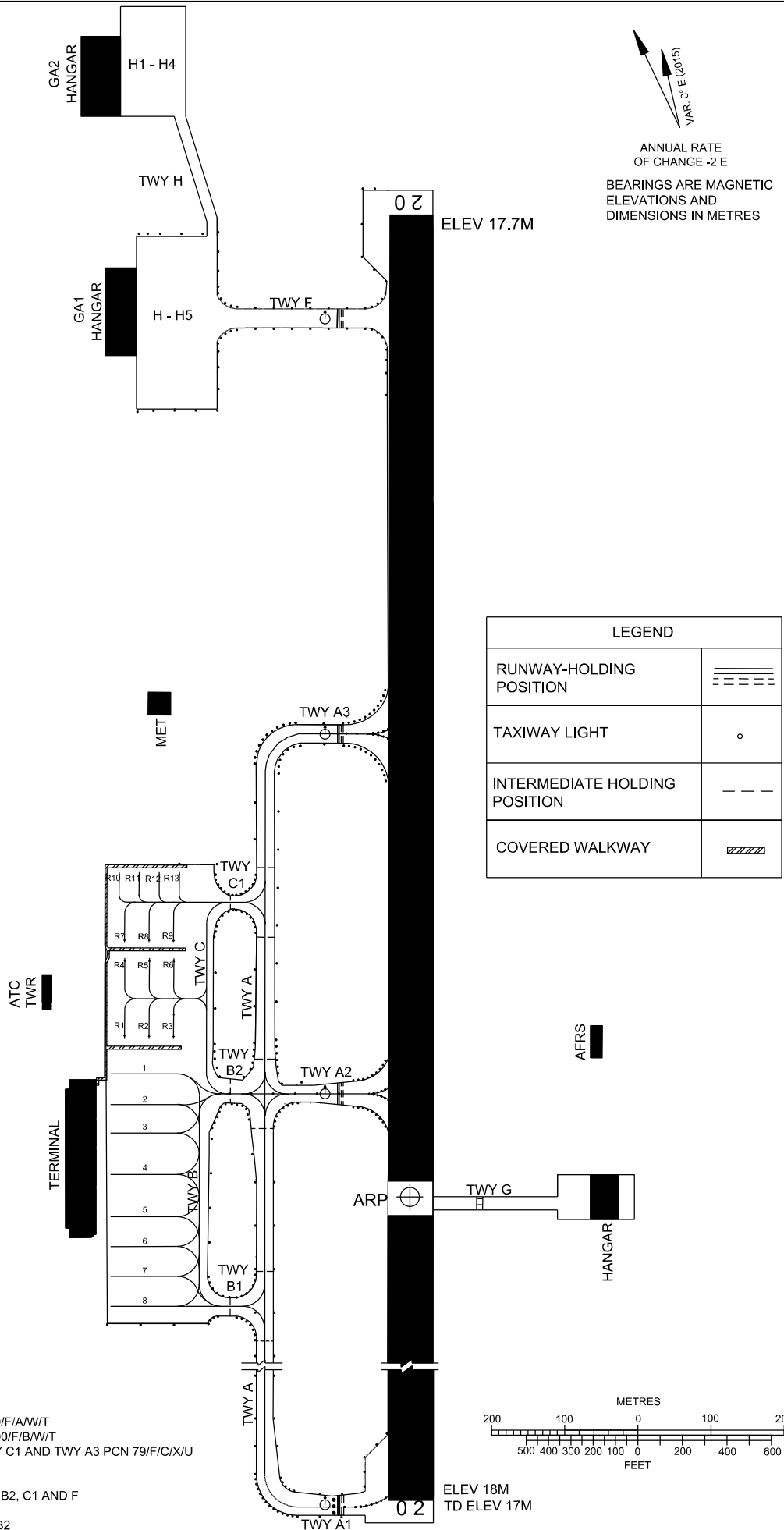
APRON PARKING BAYS R1 TO R13
PCN 51/R/A/W/T

APRON PARKING GA2
PCN 45/R/C/X/T

TAXIWAYS A, A1, A2, A3, B, B1 AND B2 23M WIDE
TAXIWAY C AND C1 18M WIDE
TAXIWAY G AND H 15M WIDE

BEARING STRENGTH TWY A1 AND TWY A PCN 100/F/A/W/T
BEARING STRENGTH TWY A2 AND TWY B2 PCN 100/F/B/W/T
BEARING STRENGTH TWY B, TWY B1, TWY C, TWY C1 AND TWY A3 PCN 79/F/C/X/U
BEARING STRENGTH TWY F PCN 26/F/B/W/T

TAXIWAY EDGE LIGHTS ON TWY A, A1, A2, A3, B1, B2, C1 AND F
TAXIWAY EDGE LIGHTS ON A2 CURVE
TAXIWAY CENTRELINE LIGHTS ON A, A1, A2 AND B2



LEGEND	
RUNWAY-HOLDING POSITION	=====
TAXIWAY LIGHT	o
INTERMEDIATE HOLDING POSITION	---
COVERED WALKWAY	////

