

## WMSA AD 2.1 AERODROME LOCATION INDICATOR AND NAME

### WMSA - SUBANG/SULTAN ABDUL AZIZ SHAH

## WMSA AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	LAT 030752 N LONG 1013253 E Site: Centre of Rwy - 1356 M, brg 309° fm Twr.
2	Direction and distance from city	15 KM (8 NM) brg 262° fm Kuala Lumpur Railway Station
3	Elevation / Reference temperature	89 FT (27 M) / 32° C
4	Geoid Undulation (ARP)	-2.879 M
5	MAG VAR / Annual change	07 min 00 sec West (2012)
6	AD Administration, address, telephone, telefax, telex, AFS	Operator : <b>Malaysia Airports Sdn. Bhd.</b> Terminal 3 Sultan Abdul Aziz Shah Airport 47200 Subang Selangor Darul Ehsan. Tel : 603 - 78453251 Fax : 603 - 78463679  ATC Services : <b>Department of Civil Aviation Malaysia</b> Block B, Air Traffic Control Complex Sultan Abdul Aziz Shah Airport 47200 Subang Selangor Darul Ehsan. Tel : 603-78473573 / 78465233 (Control Centre) 603-78465602 (Control Tower) Fax : 603-78473572 (Control Centre) 603-78471089 (Control Tower) AFTN : WMFCZQZX
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil

## WMSA AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	2300 - 1500
3	Health and sanitation	Nil
4	AIS Briefing Office	H24 Location: Subang Control Tower. Tel : 603 - 78465602 / 78465233 ext 119 Fax : 603 - 78471089
5	ATS Reporting Office (ARO)	H24
6	MET Briefing Office	NA
7	ATS	H24
8	Fuelling	PETRONAS Refuelling : H24 Tel : 603 - 78461733 / 78473726 Fax : 603 - 78461687
9	Handling	By arrangement with handling agent.
10	Security	H24
11	De-icing	Nil
12	Remarks	Terminal bldg opr btn 2300 - 1500, Outside this time, terminal bldg avbl on 24 hr PPR fm Malaysia Airport Sdn. Bhd.

### WMSA AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	By arrangement with Transmile Air.
2	Fuel / Oil types	Fuel : AVGAS, JET A1
3	Fuelling facilities / capacity	Bowser.
4	De-icing facilities	Nil
5	Hanger space available for visiting aircraft	Malaysia Airlines / AIROD.
6	Repair facilities for visiting aircraft	Any aircraft type.
7	Remarks	Nil

### WMSA AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels at Subang Jaya, Petaling Jaya and Kuala Lumpur city.
2	Restaurants	Cafeteria in terminal building.
3	Transportation	Public bus and taxi services.
4	Medical facilities	Hospitals in Subang Jaya (6KM) and in Petaling Jaya (11 KM) .
5	Bank and Post Offices	Teller Machines and Post Office avbl in terminal building.
6	Tourist Office	Nil
7	Remarks	Nil

### WMSA AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Required : CAT VII Available : CAT VII Trained personnel : 51 persons Max 12 per shift Min 8 per shift
2	Rescue equipment	Type of Vehicle : a) Ultra Large Foam Tender (2 units) b) Large Foam Tender (2 units)
3	Capability for removal of disabled aircraft	Nil
4	Remarks	H24

### WMSA AD 2.7 SEASONAL AVAILABILITY - CLEARING

NOT APPLICABLE

### WMSA AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength Rmks: Bay 15 - 21	Surface : Asphalt Strength : PCN 59/F/B/X/T Surface: Asphalt Strength: PCN 59/R/B/X/T
2	Taxiway width, surface and strength	Width : 23 M Surface : Tarmac Strength : PCN 59/F/B/X/T
3	ACL location and elevation	Location : Terminal Apron Elevation : 81 FT.
4	VOR / INS checkpoint	VOR : Nil INS : Nil
5	Remarks	Nil

### WMSA 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	Power-in, push out
2	RWY and TWY markings and LGT	Rwy 15/33 - Edge, threshold, end, centre line, wbar thr lights. Rwy 33 - Touchdown lights.
3	Stop bars	Visual marking and lighted red.
4	Remarks	TWY B, F, G, J avbl for daylight operation only. Twy 'H' edgelights Not Available.

### WMSA AD 2.10 AERODROME OBSTACLES

RWY / Area effected	Obstacles Type Elevation Markings / LGT	Coordinates
a	b	c
	Hill brg 030° (T), dist 1.85 KM fm ARP, hgt 450 FT AMSL. Lgtd.	-
	Hill brg 292° (T), dist 1.76 KM fm ARP, hgt 386 FT AMSL. Lgtd.	-
	Obstacle erected hgt 514 FT (157 M) AMSL. Marked and lgttd.	030459.3N 1013054.8E
	Kuala Lumpur Twr at BT. Nanas, hgt 1690 FT AMSL. Lgtd and aerial mast on top painted red and white.	030911.3N 1014206.8E
	Aerial mast erected at Bt. Dinding, hgt 1121 FT AMSL. Marked and lgttd.	031123.3N 1014500.7E
	Aerial mast erected at Bt. Lanjan, hgt 1239 FT AMSL. Marked and lgttd.	031041.3N 1013642.8E
	Aerial mast erected at Jln. Subang, hgt 293 FT AMSL. Marked and lgttd.	030525.3N 1013519.8E
	Aerial mast at Glenmarie, hgt 208 FT AMSL. Marked and lgttd.	030530.3N 1013554.8E
	Radio TX tower , hgt 233.37 FT (71.15 M) AMSL. Marked and lgttd.	030651.3N 1013507.8E
	Building erected, hgt 370 FT AMSL.	030423.3N 1013312.8E
	Building erected at Shah Alam, hgt 174 FT (53 M) AMSL. Marked and lgttd.	030544.3N 1013354.8E
	Building erected at Subang Jaya, hgt 325 FT (100 M) AMSL. Marked and lgttd.	030159.4N 1013554.8E
	Telecom Twr erected, hgt 518 FT AMSL. Marked and lgttd.	031519.3N 1013214.8E
	Building erected, hgt 239 FT AMSL. Marked and lgttd.	030624.3N 1013444.8E
	Building erected at Lembah Subang, hgt 238 FT (73 M) AMSL. Marked and lgttd.	030659.3N 1013424.8E
	Building erected at Federal Highway, hgt 538 FT (164 M) AMSL. Marked and lgttd.	030655.3N 1014002.8E
	Two Kuala Lumpur City Twrs, hgt 1700 FT AMSL. Lgtd with high intensity white obstacle lgt.	Tower 1 - 030927.3N 1014242.7E Tower 2 - 030929.3N 1014244.7E
	Power station chimney, hgt 591 FT AMSL.	030705.3N 1011911.9E
	Building erected at Subang Jaya, hgt 450 FT AMSL. Lgtd.	030159.4N 1013518.8E
	Telecom Twr erected at Serendah, hgt 617 FT AMSL. Lgtd.	032230.3N 1013114.8E
	Telecom Twr erected at Sungai Buluh, hgt 142.22 M AMSL. Marked and lgttd.	031234.3N 1013242.8E

**WMSA AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Associated MET Office	SUBANG / Sultan Abdul Aziz Shah
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Subang Meteorological Office and KLIA Meteorological Office 24
4	Type of landing forecast Interval of issuance	METAR/SPECI and TREND (0000UTC - 0900UTC) Hourly
5	Briefing / consultation provided	Provided
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	Flight Level Wind/Temp FL50, FL100, FL140, FL180, FL250, FL320 and FL360, SIGWX, Volcanic Ash/Tropical Cyclone Advisory, SIGMET, AIRMET, Aerodrome Warning, METAR Bulletin, TAFOR Bulletin, Radar and Satellite Pictures.
8	Supplementary equipment available for providing information	Self-Briefing Terminals
9	ATS units provided with information	Subang Control Tower
10	Additional information	Tel : 603 - 78461441 Fax : 603 - 78464982

**WMSA 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
15	149° T	3780 x 45	PCN 59/F/B/X/U Asphalt	030843.27N 1013226.72E	70 FT(21.39 M)
33	329° T	3780 x 45	PCN 59/F/B/X/U Asphalt	030657.17N 1013328.89E	90 FT (26.59 M)

Slope of RWY - SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strips Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.137 %	61 X 45	Nil	3902 x 304	Nil	Swy not to be used.
0.137 %	61 X 45	Nil	-	Nil	Swy not to be used.

**WMSA AD 2.13 DECLARED DISTANCES**

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
15	3780	3841	3841	3780	Nil
33	3780	3841	3841	3780	Nil

**WMSA 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
15	Precision Apch Cat 1 Lighting System	Green	PAPI Slope 3°	Nil	Nil	White	Red	Nil	Nil
33	Precision Apch Cat 1 Lighting System	Green	PAPI Slope 3°	Nil	Nil	White	Red	Nil	Nil

**WMSA AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	ABN / IBN location, characteristics and hours of operation	ABN not available
2	LDI location and LGT Anemometer location and LGT	Windsock avbl for Rwy 15/33. Hgt 7.3 M, dist 305 M fm Thr and 61 M fm Rwy centreline (left side).
3	TWY edge and centre line lighting	TWY Edge Lights - Blue TWY Centreline Lights - Green/Yellow
4	Secondary power supply / switch-over time	Automatic standby generator avbl for airfield lighting, Control Tower, its equipment and terminal building.
5	Remarks	Apron edge light at the northern side of Royal Malaysian Air Force (RMAF) dispersal area and western side of the main taxiway from TWY Y to RMAF dispersal area not available. Area will be marked with red and white road barrier signage and will be lighted at night.

**WMSA AD 2.16 HELICOPTER LANDING AREA**

NIL

**WMSA AD 2.17 ATS AIRSPACE**

1	Designation and lateral limits	Kuala Lumpur CTR From 031253N 1013258E then anti-clockwise around a 5NM semi-circle based on Subang ARP 030752N 1013252E to 030253N 1013258E thence a straight line to 030342N 1014215E then clockwise around a 3NM semi-circle based on Simpang ARP (030642N 1014215E) to 030942N 1014215E thence a straight line to 031253N 1013258E
2	Vertical limits	Gnd level to 1500 FT AMSL.
3	Airspace classification	C
4	ATS unit call sign Language(s)	Subang Tower and Subang Ground English
5	Transition altitude	11 000 FT
6	Remarks	Nil

## WMSA AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	ID	Frequency	Hours of operation	Remarks
1	2	3	4	5
CLEARANCE DELIVERY	LUMPUR DELIVERY	126.0 MHZ	H24	-
SMC	SUBANG GROUND	121.9 MHZ		-
SMC (RMAF)	AIRFORCE GROUND	P125.2 MHZ P273.6 MHZ S120.3 MHZ S245.3 MHZ		P Primary S Secondary
TWR	SUBANG TOWER	118.2 MHZ		-
APP	LUMPUR DIRECTOR LUMPUR APP NORTH LUMPUR APP SOUTH	125.1 MHZ 124.2 MHZ 119.45 MHZ		All IFR deps at Sultan Abdul Aziz Shah Airport must ctc Lumpur Approach North 124.2 MHZ after airborne unless instructed otherwise.
ACC	LUMPUR CONTROL	132.8 MHZ  123.75 MHZ  132.6 MHZ  134.25 MHZ  133.4 MHZ  121.5 MHZ 243.0 MHZ		A464 (North of VBA), A457 (VKL-VPG), B466 (VBA-TASEK), R461 (VKL-PUGER), R467(VKL-GUNIP), R325 (VAS-ANSOM), B579 (VPG-VPL), G582 (PUGER-VBA). A464 (VKL-ARAMA), A457 (VKL-VJR), A576 (SALAX-REKOP), B335 (VKL-SALAX), R325 (LATUK-VJR). G334 (VKL-UKASA), G582 (VBA-PK), G584 (VKL-PK), W533 (VKL-VKN), M751/W540 (A/VKE-VMR). G466 (VKL-VKB), R208 (VKL-IGARI), M765 (VKB-IGARI), B219 (VPG-VKB), M751/W540 (VKB-A/VKE). A327 (POVUS-RUSET), L645 (SAMAK-SAPAM), N571 (GUNIP-IGOGU), P574 (ANSAX-NOPEK), B466 (GUNIP-TASEK / TOSOK-ANOKO).  If unable to contact Lumpur Control on the frequency, contact Lumpur Radio on HF.  Distress Frenquency. Test calls dly 0100/0130 by JATCC.
FIS	LUMPUR INFORMATION	126.1 MHZ	0000 - 1200	-
A/G	LUMPUR RADIO	3470 KHZ 5670 KHZ 6556 KHZ 11285 KHZ 13318 KHZ 17907 KHZ	H24	AMS SEA 1-1B SELCAL avbl
		5655 KHZ 8942 KHZ 113696 KHZ		AMS SEA 2 SELCAL avbl.
ATIS	SUBANG INFORMATION	127.6 MHZ	2130 - 1630	-

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**WMSA 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	ISB	110.3 MHZ		030653N 1013332E	-	149° MAG
GP/DME		335 MHZ CH 40X		030832N 1013228E	-	
L	NM	338 KHZ	H24	031159.3N 1013030.8E	-	150° MAG / 4.8 NM fm ARP. 80W.
L	SM	355 KHZ		030517.3N 1013424.8E	-	330° MAG / 2.9 NM fm ARP. 80W.
NDB	CE	205 KHZ		031742.3N 1012706.9E	-	150° MAG / 11.5 NM fm ARP. 500W.
NDB	KL	255 KHZ		030041.4N 1013712.8E	-	330° MAG / 8.2 NM fm ARP. 500W.
ILS/LLZ	IKL	109.9 MHZ		030841.3N 1013224.8E	-	329° MAG / 1.94 NM fm THR Rwy 33. Calibrated to perform CAT I ops. No back beam. ILS maint period: MON/THU: btn 0200/0600.
GP/DME		333.8 MHZ CH 36X		030711.3N 1013318.3E	-	DME co-located with GP. Psn port of Rwy 33, 364 M fm THR, 114 M fm rwy centreline.
DVOR/DME	VBA	114.7 MHZ CH 94X		031929.3N 1012724.9E	-	Approach and Holding facility.
DVOR/DME	VKL	116.1 MHZ CH 108X		024328.0N 1014417.0E	-	-

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## WMSA AD 2.20 LOCAL TRAFFIC REGULATIONS

### 1. Local Flying Restrictions

- a) Left hand circuit for Rwy 33 to west of airfield.
- b) Right hand circuit for Rwy 15 to west of airfield..
- c) Circuit altitude : 600 FT AMSL for Helicopters,  
1000 FT AMSL for light acft and 1500 FT for other acft.
- d) Not avbl to acft without 2-way radio communication unless with prior permission.
- e) RMAF Aerodrome - Simpang lies in close proximity - Brg 095° (T) 9 NM fm ARP.

## WMSA AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

## WMSA AD 2.22 FLIGHT PROCEDURES

NIL

## WMSA AD 2.23 ADDITIONAL INFORMATION

### 1 The following areas are not visible from the Control Tower.

- 1.1 Taxiway Sierra from abeam DCA Hangar to Wira Kris Hangar.
- 1.2 Taxi lane between Taxiway Romeo and DCA Old Hangar.
- 1.3 Taxiway Tango between Taxiway Delta and Taxiway Quebec.
- 1.4 Taxiway Tango between Taxiway Golf and Taxiway Juliet.
- 1.5 Central Apron.
- 1.6 North Apron between bays 31 and 32 and between bays 37 and 38.

2 Pilots are advised to exercise extreme caution when taxiing through these areas.

3 Uneven surface between end of Taxiway Y and Hangar no. 1 Squadron. Area will be marked and lighted at night.