

ENROUTE CHART - MALAYSIAN AIRSPACE

LEGEND

AERODROME

FLIGHT INFORMATION REGION (FIR)

NAME OF FIR

UPPER LIMIT

LOWER LIMIT

UNIT PROVIDING SERVICE

FIR KUALA LUMPUR

GNDWATER

ACC LUMPUR

TERMINAL CONTROL AREA (TMA)

NAME OF TMA

UPPER LIMIT

LOWER LIMIT

UNIT PROVIDING SERVICE

TMA KOTA KINABALU

FL 245

3000FT ALT

LUMPUR APP

CONTROL ZONE (CTR)

NAME OF CTR

AIRSPACE CLASSIFICATION

UPPER LIMIT

RADIO FREQUENCY (IES)

CTR KUCHING

3 000FT

120.2

ATS ROUTE

ROUTE DESIGNATOR

MAGNETIC TRACK

DISTANCE IN NAUTICAL MILES

REQUIRED NAVIGATION PERFORMANCE

MINIMUM FLIGHT ALTITUDE (FT)/FLIGHT LEVEL

P574

032°

170

RNP 10

7 000/FL 140

AREA NAVIGATION ROUTE (RNAV)

ROUTE DESIGNATOR

MAGNETIC TRACK

DISTANCE IN NAUTICAL MILES

VERTICAL LIMITS

G 456

059°

87

FL 245

REPORTING POINT (REP)

COMPULSORY

ON REQUEST

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△

ATS/MET REPORTING POINT (MRP)

COMPULSORY

ON REQUEST

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RESTRICTED AIRSPACE (P-PROHIBITED, R-RESTRICTED, D-DANGER)

IDENTIFICATION OF AREA

NATIONAL AREA

VERTICAL LIMIT

WMR 109

FL 5000

6000 FT

VHF OMNIDIRECTIONAL RADIO RANGE (VOR)

COMPASS ROSE ORIENTED ON THE CHART TO MAGNETIC NORTH

NON - DIRECTIONAL RADIO BEACON (NDB)

DISTANCE MEASURING EQUIPMENT (DME)

COLLOCATED VOR AND DME NAVIGATION AIDS (VOR/DME)

IDENTIFICATION FOR RADIO NAVIGATION AIDS (NAVAID)

NAME

NAVAID, FREQUENCY, IDENTIFICATION OR CALL SIGN

GEOGRAPHICAL COORDINATES

ELEVATION OF DME SITE (TO THE NEAREST 30M)

PENANG

VOR/DME 116.2

VPG 55

05°16' 45" N

100°12'30" E

60M

AREA MINIMUM ALTITUDE (AMA)

EACH 2° QUADRILATERAL CONTAIN AN AREA MINIMUM ALTITUDE (AMA) WHICH REPRESENT THE LOWEST ALTITUDE WHICH MAY BE USED UNDER INSTRUMENT METEOROLOGICAL CONDITION (IMC). THE AMA PROVIDES A MINIMUM CLEARANCE OF 1000 FEET (300METER) ABOVE ALL OBSTACLES IN THE QUADRILATERAL. IT IS REPRESENTED IN THOUSANDS AND HUNDREDS OF FEET ABOVE MEAN SEA LEVEL. EXAMPLE: 3500 FEET

35

CAUTION

CONSULT RESPECTIVE NOTAMS AND AIPs OF COUNTRIES CONCERNED FOR THE LATEST INFORMATION AND CIVIL AVIATION AUTHORITY OF MALAYSIA DOES NOT ACCEPT RESPONSIBILITY FOR ANY ERRORS OF OMISSIONS IN THE INFORMATION SHOWN OUTSIDE OF FIR KUALA LUMPUR AND FIR KOTA KINABALU

CHIEF EXECUTIVE OFFICER

CIVIL AVIATION AUTHORITY OF MALAYSIA

MALAYSIA

COMMUNICATION FACILITIES			
ALOR SETAR SMC 121.6 TWR 122.3 258.2 121.5 TRAN 128.85 ATIS 121.5 DEP 120.975 DIR 125.8 PAR(GCA) 123.2 ATIS 122.750	BUTTERWORTH SMC 118.3 TWR 120.05 253.9 TRAN 268.4 243.0 ATIS 121.5 DEP 120.975 DIR 125.8 PAR(GCA) 123.2 ATIS 122.750	PULAU TIOMAN AFIS 122.8 479.1KHZ SMC 121.6 TWR 122.3 119.25 121.5 TRAN 121.8 ATIS 127.8 SMC 121.9 TWR 123.3 121.5 TRAN 129.9 122.7 ATIS 127.0	GONG KEDAH SMC 121.6 242.4 TWR 243.0 121.5 TRAN 118.4 228.1 ATIS 243.0 121.5 SMC 121.8 TWR 129.9 227.6 ATIS 243.0 121.5
KOTA BHARU SMC 121.6 TWR 122.5 ADP 120.85 130.3 ATIS 128.85	KUANTAN TWR 118.1 428.1 TRAN 253.9 120.4 APP 119.7 4249.3 ATIS 128.25 SRA 4261.6 118.7	MIRI SMC 121.9 TWR 123.3 121.5 TRAN 129.9 122.7 ATIS 127.0 SMC 121.95 TWR 124.30 118.50 EMERG 121.50	KUCHING SMC 121.9 TWRAPP 118.1 121.70 ACC 120.2 123.85 APP 134.5 125.35 ATIS 132.35 133.95 FIS 134.75 HF 6589 KHZ
KERTEH TWR/SMC 121.6 121.5 243.0 TWR/APP 123.3 228.5 ATIS 128.25	JOHOR SMC 121.9 TWR 118.15 121.05 APP 124.7 123.05	LAHAD DATU SMC 121.9 TWR 122.3 GND 121.9	SIBU SMC 121.9 TWR 123.2 121.5 APP 122.6 124.4 ATIS 127.65
KLIA APP 118.850 121.250 TWR 124.200 125.85 APP 119.450 120.350 APP LUMPUR RADAR 120.850 125.100 APP LUMPUR RADAR 135.250	LANGKAWI SMC 121.8 TWR 118.3 APP 119.4 257.8 121.5 ACC 120.1 128.3 FIC 133.3 AVG 6825 KHZ ATIS 127.4	KOTA KINABALU SMC 121.8 AD APP 118.3 119.1 ACC 120.1 128.3 FIC 133.3 AVG 6825 KHZ ATIS 127.4	LABUAN SMC 118.35 235.1 TWR 118.1 238.1 APP 118.7 245.3 ATIS 126.85
MALACCA SMC 121.6 TWR 118.0 APP 127.450	KUALA TERENGGANU SMC 121.6 TWR 118.3 APP 123.6 236.32 121.5 ATIS 127.5 SMC 121.9 TWR 122.05 121.5 APP 123.2 ATIS 128.2	SANDAKAN SMC 121.9 TWR 122.05 121.5 APP 123.2 ATIS 128.2	TAWAU SMC 121.9 TWR 122.5 APP 123.55 ATIS 126.25 EMERG 121.50
PENANG SMC 121.6 121.9 TWR 121.1 ATIS 126.4 SUBANG CLEARANCE DELIVERY 121.6 ATIS 121.9 TWR 118.2 APP 124.2 118.65 135.25 ATIS 127.6	MULU AFIS 129.200 121.700 EMERG 121.50	MUKAH SMC 118.975 TWR 118.300 118.425 ATIS 126.200 EMERG 121.50	

CHANGES : AMEND SIBU CTR & SIBU TMA.

CIVIL AVIATION AUTHORITY OF MALAYSIA

AMDT 03/25