

ENROUTE CHART - MALAYSIAN AIRSPACE

LEGEND	
AERODROME	
FLIGHT INFORMATION REGION (FIR)	
NAME OF FIR	FIR KUALA LUMPUR
UPPER LIMIT	UNL
LOWER LIMIT	GNDWATER
UNIT PROVIDING SERVICE	ACC LUMPUR
TERMINAL CONTROL AREA (TMA)	
NAME OF TMA	KOTA KINABALU
UPPER LIMIT	FL 245
LOWER LIMIT	3000FT ALT
UNIT PROVIDING SERVICE	LUMPUR APP
CONTROL ZONE (CTR)	
NAME OF CTR	CTR KUCHING
AIRSPACE CLASSIFICATION	3 000FT
UPPER LIMIT	
RADIO FREQUENCY (IES)	120.2
ATS ROUTE	
ROUTE DESIGNATOR	P574
MAGNETIC TRACK	032°
DISTANCE IN NAUTICAL MILES	170
REQUIRED NAVIGATION PERFORMANCE	RNP 10
MINIMUM FLIGHT ALTITUDE (FT)/FLIGHT LEVEL	7 000/FL 140
AREA NAVIGATION ROUTE (RNAV)	
ROUTE DESIGNATOR	G 456
MAGNETIC TRACK	059°
DISTANCE IN NAUTICAL MILES	87
VERTICAL LIMITS	FL 245
REPORTING POINT (REP)	
COMPULSORY	▲
ON REQUEST	△
ATS/MET REPORTING POINT (MRP)	
COMPULSORY	▲
ON REQUEST	△
RESTRICTED AIRSPACE (P-PROHIBITED, R-RESTRICTED, D-DANGER)	
IDENTIFICATION OF AREA	WMMR 109
NATIONAL AREA	FL 500
VERTICAL LIMIT	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	PENANG
NAVAID, FREQUENCY, IDENTIFICATION OR CALL SIGN	VOR/DME 116.2
GEOGRAPHICAL COORDINATES	VPK 122° 05' 16" E 1° 15' 39" N
ELEVATION OF DME SITE (TO THE NEAREST 30M)	65M

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

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.

