

**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 10 FT
HEIGHTS RELATED TO
THR RWY 22 - ELEV 10 FT

**PENANG/PENANG
INTERNATIONAL AIRPORT (WMKP)
RWY 22**

RNAV (RNP) Z

ROUTE DESCRIPTION

PATH TERM	ID	RF ARC CENTER	FLY OVER	TRACK °M	DISTANCE (NM)	TURN DIRECTION	ALTITUDE (FT)	MAX IAS (KTS)	VPA	RNP
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AVGAT TRANSITION

IF	AVGAT		-				- 8000 +7100			
TF	KP688		-	269.4°	12.4		+4600			RNP 0.3
TF	KP686		-	269.3°	5.5		+3000			RNP 0.3
TF	KP684		-	269.3°	3.4		+2000			RNP 0.3
TF	KP682		-	269.3°	2.6		+2000			RNP 0.3
RF	ISKAP	RKP28	-	4.1 NM RF	3.4	L	@1000		-2.8°	RNP 0.3

EPDID TRANSITION

IF	EPDID		-				+3100			
TF	KP627		-	327.0°	4.0		+3100			RNP 0.3
RF	KP682	RKP28	-	4.1 NM RF	4.1	L	+2000			RNP 0.3
RF	ISKAP	RKP28	-	4.1 NM RF	3.4	L	@1000		-2.8°	RNP 0.3

NUNSU TRANSITION

IF	NUNSU		-				+4300			
TF	PIGIK		-	140.0°	4.1		+3600			RNP 2.0
TF	KP604		-	140.0°	2.1		+3600			RNP 0.3
RF	ISKAP	RKP10	-	6.1 NM RF	8.9	R	@1000		-2.8°	RNP 0.3

FINAL AND MISSED APPROACH

IF	ISKAP		-				@1000			
TF	RWY22		Y	222.2°	3.2		-		-2.8°	RNP 0.3
TF	TOKUM		-	222.2°	4.6		-			RNP 0.5
RF	KP634	RKP13	-	4.3 NM RF	13.3	L	-			RNP 1.0
TF	EPDID		-	044.5°	10.9		+3100			RNP 1.0