

**STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO**

**PENANG/PENANG
INTERNATIONAL AIRPORT (WMKP)
RNAV (GNSS) RWY 04**

TRANSITION ALTITUDE
11000 FT

OMBOK 1A GOGOM 1A UGAMO 1A
LUNTU 1A BETNU 1A BOGUK 1A
KABOT 1A UDIKO 1A MADUM 1A

TABULAR DESCRIPTION

OMBOK ONE ALPHA DEPARTURE (OMBOK 1A) TO CONTINUE ON AIRWAY W525

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
CA	RWY 04	-	042°	-	-	+3100	-	VPG	RNAV1
DF	OMBOK	-	-	-	L	+7000	-	-	RNAV1

NOTE : MINIMUM CLIMB GRADIENT (PDG) 5.0% UNTIL PASSING 5000 FT.

GOGOM ONE ALPHA DEPARTURE (GOGOM 1A) TO CONTINUE ON AIRWAY Y351

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
CA	RWY 04	-	042°	-	-	+3100	-	VPG	RNAV1
DF	GOGOM	-	-	-	L	+7000	-	-	RNAV1

NOTE : MINIMUM CLIMB GRADIENT (PDG) 5.0% UNTIL PASSING 5000 FT.

UGAMO ONE ALPHA DEPARTURE (UGAMO 1A) TO CONTINUE ON AIRWAY Y350

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
CA	RWY 04	-	042°	-	-	+3100	-	VPG	RNAV1
DF	UGAMO	-	-	-	L	+7000	-	-	RNAV1

NOTE : MINIMUM CLIMB GRADIENT (PDG) 5.0% UNTIL PASSING 5000 FT.

LUNTU ONE ALPHA DEPARTURE (LUNTU 1A) TO CONTINUE ON AIRWAY A457

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
CA	RWY 04	-	042°	-	-	+3100	-	VPG	RNAV1
DF	LUNTU	-	-	-	L	+7000	-	-	RNAV1

NOTE : MINIMUM CLIMB GRADIENT (PDG) 5.0% UNTIL PASSING 5000 FT.

BETNU ONE ALPHA DEPARTURE (BETNU 1A) TO CONTINUE ON AIRWAY W546

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
CA	RWY 04	-	042°	-	-	+3100	-	VPG	RNAV1
DF	BETNU	-	-	-	R	+11000	-	-	RNAV1

NOTE : MINIMUM CLIMB GRADIENT (PDG) 5.0% UNTIL PASSING 7000 FT.