

STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

PENANG/PENANG
INTERNATIONAL AIRPORT (WMKP)
RWY 04

TRANSITION ALTITUDE
11000 FT

OMBOK 1C BETNU 1C KABOT 1C MADUM 1C
LUNTU 1C BOGUK 1C UDIKO 1C

TABULAR DESCRIPTION

INITIAL CLIMB PROCEDURE	DESIGNATOR	SID DESCRIPTION
AFTER TAKE-OFF TRACK 042°, AT 3100FT OR ABOVE TURN LEFT THEN FOLLOW THE ASSIGNED SID NOTE: MINIMUM CLIMB GRADIENT (PDG) 5.0% DUE TO OBSTACLE UNTIL PASSING 5000 FT.	OMBOK 1 CHARLIE	TRACK 305° TO INTERCEPT RDL 335 VPG VOR OUTBOUND TO OMBOK, THEN CONTINUE ON AIRWAY W525.
	LUNTU 1 CHARLIE	TRACK 339° TO INTERCEPT RDL 009 VPG VOR OUTBOUND TO LUNTU, THEN CONTINUE ON AIRWAY A457.
AFTER TAKE-OFF TRACK 042°, AT 3100FT OR ABOVE TURN RIGHT THEN FOLLOW THE ASSIGNED SID NOTE: MINIMUM CLIMB GRADIENT (PDG) 5.0% DUE TO OBSTACLE UNTIL PASSING 7000 FT.	BETNU 1 CHARLIE	TRACK 110° TO INTERCEPT RDL 080° VPG VOR OUTBOUND TO BETNU, THEN CONTINUE ON AIRWAY W546.
AFTER TAKE-OFF TRACK 042°, AT 1200FT OR ABOVE TURN RIGHT THEN FOLLOW THE ASSIGNED SID NOTE: MINIMUM CLIMB GRADIENT (PDG) 5.0% DUE TO OBSTACLE UNTIL PASSING 3500 FT.	BOGUK 1 CHARLIE	TRACK 150° TO INTERCEPT RDL 120° VPG VOR OUTBOUND TO BOGUK, THEN CONTINUE ON AIRWAY Y507.
	KABOT 1 CHARLIE	TRACK 160° TO INTERCEPT RDL 130° VPG VOR OUTBOUND TO KABOT, THEN CONTINUE ON AIRWAY W530.
	UDIKO 1 CHARLIE	TRACK 220° TO INTERCEPT RDL 190° VPG VOR OUTBOUND TO UDIKO, THEN CONTINUE ON AIRWAY Y508.
	MADUM 1 CHARLIE	TRACK 252° TO INTERCEPT RDL 222° VPG VOR OUTBOUND TO MADUM, THEN CONTINUE ON AIRWAY G468.

WAYPOINT LIST

FIX/POINT/NAVAID	COORDINATES
VPG 116.2 MHZ / CH109X	05°16'45.80" N 100°15'38.80" E
BETNU RDL 080 / 48.4 NM VPG	05°25'38.33" N 101°03'18.60" E
BOGUK RDL 120 / 38.2 NM VPG	04°57'45.35" N 100°48'51.82" E
KABOT RDL 130 / 35.0 NM VPG	04°54'04.60" N 100°42'26.85" E
LUNTU RDL 009 / 25.0 NM VPG	05°41'35.88" N 100°19'19.92" E
MADUM RDL 222 / 25.4 NM VAS	04°58'09.12" N 099°58'14.16" E
OMBOK RDL 335 / 30.0 NM VPG	05°43'56.58" N 100°02'37.98" E
UDIKO RDL 190 / 23.4 NM VPG	04°53'31.90" N 100°11'47.10" E

CHANGES: CHANGE COORDINATE FOR BETNU & MADUM