

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

TRANSITION ALTITUDE
11000 FT

**LANGKAWI/LANGKAWI
INTERNATIONAL AIRPORT (WMKL)
RNAV (GNSS) RWY 21**

RUVTO 1B AKRAB 1B ANDOK 1B
ISTEL 1B MULOT 1B KAPKO 1B

ISTEL ONE BRAVO DEPARTURE (ISTEL 1B)

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
CA	RWY 21	-	214°	-	-	+1000	-	VPL VOR/DME	-
DF	ISTEL	-	-	-	L	+9000	-	-	RNAV1

MINIMUM CLIMB GRADIENT (PDG) 4.5% UNTILL PASSING 1000 FT DUE TO OBSTACLE

WAYPOINT LIST

WAYPOINT IDENTIFIER	COORDINATES
VPL	06°21'15.66" N 099°44'43.64" E
AKRAB	06°29'58.86" N 099°21'15.82" E
KAPKO	05°57'26.86" N 099°56'09.51" E
ANDOK	06°01'19.92" N 100°00'00.00" E
MULOT	06°09'42.12" N 099°58'36.12" E
RUVTO	05°54'16.84" N 099°53'10.80" E
ISTEL	06°06'24.13" N 099°59'55.75" E

CHANGES : CHANGE TABULATED DATA TO WAYPOINT LIST
REMOVE REFERENCE TO VPL IN WAYPOINT LIST