

**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

TABULAR DESCRIPTION

AKRAB ONE BRAVO DEPARTURE (AKRAB1B)

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	AKRAB	-	-	-	R	+10000	-	-	RNAV1

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

RUVTO ONE BRAVO DEPARTURE (RUVTO 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	RUVTO	-	-	-	L	+7000	-	-	RNAV1

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

KAPKO ONE BRAVO DEPARTURE (KAPKO 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	KAPKO	-	-	-	L	+7000	-	-	RNAV1

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

ANDOK ONE BRAVO DEPARTURE (ANDOK 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	ANDOK	-	-	-	L	+9000	-	-	RNAV1

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

MULOT ONE BRAVO DEPARTURE (MULOT 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	MULOT	-	-	-	L	+5000	-	-	RNAV1

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