

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

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

TRANSITION ALTITUDE  
11000 FT

KAPKO 1D    AKRAB 1D  
ANDOK 1D    MULOT 1D  
RUVTO 1D    ISTEEL 1D

**TABULAR DESCRIPTION**

INITIAL CLIMB PROCEDURE	DESIGNATOR	SID DESCRIPTION
AFTER TAKE-OFF TRACK 214° AT 1000 TURN LEFT	<b>MULOT 1 DELTA</b>	TRACK 092° TO INTERCEPT RDL130 VPL VOR OUTBOUND TO MULOT THEN W542 TO VAS
	<b>ISTEL 1 DELTA</b>	TRACK 103° TO INTERCEPT RDL135 VPL VOR OUTBOUND TO ISTEEL THEN Y503 TO RINBA
	<b>ANDOK 1 DELTA</b>	TRACK 112° TO INTERCEPT RDL143 VPL VOR OUTBOUND TO ANDOK THEN W531
	<b>KAPKO 1 DELTA</b>	TRACK 124° TO INTERCEPT RDL155 VPL VOR OUTBOUND TO KAPKO THEN W525
	<b>RUVTO 1 DELTA</b>	TRACK 132° TO INTERCEPT RDL163 VPL VOR OUTBOUND TO RUVTO THEN Y509 TO ANGUN
AFTER TAKE-OFF TRACK 214° AT 1000 TURN RIGHT	<b>AKRAB 1 DELTA</b>	TRACK 320° TO INTERCEPT RDL291 VPL VOR OUTBOUND TO AKRAB THEN P628

NOTE : MINIMUM CLIMB GRADIENT (PDG) 4.5% UNTIL 1000 FT

**WAYPOINT LIST**

FIX / POINT	COORDINATES
VPL DVOR/DME	06°21'15.66"N 099°44'43.64"E
VAS VOR/DME	06°11'08.40"N 100°23'49.20"E
MULOT            RDL267 VAS / 25 DME	06°09'42.12"N 099°58'36.12"E
ANDOK            RDL143 VPL / 25 DME	06°01'19.92"N 100°00'00.00"E
KAPKO            RDL155 VPL / 26 DME	05°57'26.86"N 099°56'09.51"E
AKRAB            RDL291 VPL / 25 DME	06°29'58.86"N 099°21'15.82"E
RUVTO            RDL163 VPL / 28 DME	05°54'16.84"N 099°53'10.80"E
ISTEL            RDL135 VPL / 21 DME	06°06'24.13"N 099°59'55.75"E

CHANGES : REPLACE RDL267 VAS TO RDL130 VPL AT MULOT 1 DELTA TABULAR DESCRIPTION .